Appendix D-1 Resume of Electronic Information Engineering Teacher

Chen Liezun, born in January 1968, is Han nationality, from Leiyang, Hunan Province, a member of the Communist Party of China, doctoral degree holder, professor, and masters thesis supervisor. He is also a young backbone teacher and a young teaching expert in ordinary higher education institutions in Hunan Province, and the director of the Hunan Provincial Basic Research Base for Optoelectronic Information Technology Application. Currently, he serves as the Discipline Inspector of Hunan City University. His main research focuses on nonlinear optics and optoelectronic technology, as well as teaching courses in electronic information-related majors. He has led over 10 projects, including the first batch of national new engineering research and practice projects by the Ministry of Education, key sub-projects of the National Education Plan for the Tenth Five-Year Plan, and Hunan Provincial Natural Science Foundation projects. He has published more than 40 academic papers in international and domestic authoritative professional journals such as IEEE Journal of Quantum Electronics and Physical Review A, and 6 teaching and research papers in CSSCI academic journals like "Research in Electro-Education" and "Modern Educational Technology." He has edited and co-edited 2 textbooks and obtained 3 national invention patents.

Jiang Dongchu, born in October 1972, is a member of the Communist Party of China, holds a Ph.D. in Circuits and Systems from Xi an University of Electronic Science and Technology, and is a professor. He is also a distinguished young teacher in Hunan Province and an outstanding teacher at Hunan City University; currently serving as the Dean of Hunan City Universitys School of Information and Electronics Engineering and the head of the Electronic Information Engineering program. He has led and completed one provincial self-funded scientific research project and one provincial science and technology plan project, two provincial education departmental research projects, and two provincial educational reform

projects. Additionally, he has participated in and completed two national self-funded scientific research projects. He has published over 20 papers, with 8 indexed by SCI/EI, authored one monograph, translated one book, edited one textbook, and won one second prize for provincial teaching achievements.

Xiao Weichu, born in October 1974, is a member of the Communist Party of China, a professor, a masters thesis supervisor, a provincial young backbone teacher, an embedded software development senior engineer, an electronic design engineer, and a programmer. His main research directions are intelligent information detection technology and embedded system design. He has led one project each from the Provincial Natural Science Foundation, Provincial Science and Technology Program, and Provincial Department of Educations teaching and research projects, as well as three Ministry of Education industry-university cooperation collaborative talent cultivation projects, and participated in one National Natural Science Foundation General Project; he won one second prize in the Hunan Province Ordinary Higher Education Teachers Classroom Teaching Competition, ranked second to win one second prize in the provincial teaching achievement competition, ranked third to win one third prize in the provincial technical invention competition; he ranked first and guided two national "second prizes" and one provincial "first prize" in the National College Students Electronic Design Competition, one provincial "second prize," and two provincial "third prizes"; he guided four national college students innovation and entrepreneurship training program projects and six provincial college students research-based learning and innovative experimental program projects; he obtained three national patents, published 26 papers as the first author, including 8 papers in EI source journals and 2 papers in CSCD core journals.

Experience in horizontal projects in enterprises: From May 2014 to November 2017, I worked on the intelligent robot R&D center jointly established by Huaxiang Xiangneng Electric Co., LTD. and Hunan City University, where I developed industrial robots, intelligent service robots and power system adaptive intelligent microcomputer protection measurement and control devices.
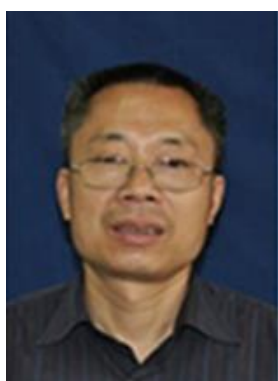
Deng Yangbao, born in September 1983, is a member of the Communist Party of China, holds a doctoral degree, is a professor and masters supervisor, and has been a visiting scholar at the University of Tennessee. He is honored as an "Outstanding Communist Party Member," a "Model Individual in Teacher Ethics," and an "Excellent Teacher." Deng is also recognized as a Young Backbone Teacher in Hunan Provinces ordinary higher education institutions, a "351 Talent" and a "246 Talent" at Hunan City University. In recent years, he has successively led 2 National Natural Science Foundation projects, 2 Hunan Provincial Natural Science Foundation projects, 1 Hunan Provincial Department of Education teaching reform project, 1 Ministry of Education industry-university cooperation collaborative talent cultivation project, 1 key and excellent youth fund project each from the Hunan Provincial Department of Education, and 1 Yiyang City Science and Technology Program project. He has published over 30 high-level academic papers in domestic and international journals, authored 1 academic monograph, won 1 third prize for scientific and technological progress and 1 third prize for technical invention from Hunan Province, obtained 6 national invention patents, guided students to lead 2 Hunan Provincial College Students Innovation and Entrepreneurship Training Program projects, participated in the Hunan Provincial Electronic Design Competition winning one provincial first prize and one provincial third prize, and participated in the American Collegiate Mathematics Modeling Competition winning one third prize.

Li Wenguo, born in December 1977, is a member of the China Democratic League, holds a Doctor of Engineering degree, and is a professor and head of the Department of Electronic Information Engineering, as well as the director of the Artificial Intelligence Program. He is also a senior engineer in embedded software development and an electronic design engineer evaluator. Li has led one project each from the Hunan Provincial Natural Science Foundation General Project, the Hunan Provincial Department of Education Key Scientific Research Project, the Hunan Provincial Educational Reform Research Project, the Hunan Provincial Department of Education General Scientific Research Project, and the Yiyang City Science and Technology Plan Project; he has participated in five major projects including the National Science and Technology Support Program, the National International Science and Technology Cooperation Key Special Project, and the Hunan Provincial Science and Technology Plan Major Special Project, and has led one first-class undergraduate course in Hunan Province. He has published over 20 papers as the first author in

important domestic and international journals, among which 7 are indexed by SCI (1 in SCI Zone 1),2 by EI, and 6 by CSCD; he has authored one monograph and holds 8 national patents ranked first. He has guided 24 projects including the National Undergraduate Innovation and Entrepreneurship Training Program, among which 4 are national-level and 5 are provincial-level; he has guided students to win over 20 provincial-level or higher awards in the National Undergraduate Electronic Design Competition and the Challenge Cup Competition, including 1 national first prize, 4 national second prizes, and 8 provincial first prizes.

Li JiaSheng, born in May 1965, was promoted to Professor of Electronic Engineering in 2010 and currently works at the School of Information and Electronic Engineering, Hunan City University. He is a senior member of the Chinese Institute of Electronics and has long served as a reviewer for journals such as "Electrical Measurement and Instrumentation." In recent years, he has received one third prize for outstanding academic papers in provincial natural science, one first prize for outstanding academic achievements in Yiyang Citys natural science, and one third prize for provincial teaching achievements. He has led one provincial natural science fund project, two provincial science and technology plan projects, two provincial higher education scientific research projects, and one municipal science and technology plan project, participated in eight provincial and ministerial-level topics, guided one national Ministry of Education approved undergraduate innovation project, and as a primary inventor, obtained 16 national invention patents. He has participated in two awards organized by the Ministry of Education for scientific and technological achievements and has published over 30 academic papers in journals such as "IEEE Access," "Information Technology Journal," "High Voltage Technology," "Power Supply Technology," and "Instrumentation Technology and Sensors" (including 1 SCI-indexed paper and 9 EI-indexed papers), and has edited (or co-edited) 5 textbooks.

Tan Yue, born in 1974, is a member of the Communist Party of China, professor, doctoral degree holder, and senior engineer specializing in embedded software development. He has led one provincial science and technology project, one youth project from the Provincial Department of Education, one teaching reform project from the Provincial Department of Education, one general research project from the Provincial Department of Education, one Yiyang City Science and Technology Project, and one university-level teaching reform project; he has won one first prize for Yiyang City Science and Technology Progress Award; he has won the first prize in the Third Hunan City University Young Teachers Teaching Competition, and has been successively recognized as an Advanced Individual in Teacher Morality at Hunan City University, a Young Backbone Teacher, an Outstanding Teacher in Education and Teaching, and one of the 246 Backbone Talents; he is the first author of 23 papers, including 2 papers in SCI journals, 4 papers in EI journals, 6 papers in CSCD core journals, and 4 utility model patents.

He Fei, Associate Professor, a "dual-qualified" teacher, and a university-level "Excellent Teacher" and "Model of Professional Ethics." He has been engaged in theoretical and practical teaching of courses such as Digital Signal Processing, Signals and Systems, and MATLAB Language for a long time, with in-depth research on course construction and teaching reform. From 2020 to 2021, he was responsible for completing the first batch of university-level "Golden Courses" construction for the course Digital Signal Processing. In 2021, the course was recognized as a "First-Class Undergraduate Course" construction project in Hunan Province. In recent years, he has led and completed 8 university-level provincial-level scientific research and teaching projects, mainly participated in and completed 9 provincial-level and above scientific research and teaching projects, published 26 scientific research and teaching papers (20 of which were the first author), guided and completed 4 undergraduate innovation training programs (including 1 national-level and 1 provincial-level program), received multiple awards including university-level "Excellent Teaching Quality" award, "Second Prize" in teaching competitions, "Second Prize" in teaching achievements, and excellent course evaluations (5 times), and guided the National Undergraduate Mathematical Modeling Competition to win 3 provincial-level third prizes.

Hu Saichun, born in August 1969, female, Masters degree, Associate Professor, has taught four theoretical courses: "Circuits," "Fundamentals of Electrical Engineering," "Fundamentals of Digital Electronics," and "Electrical Engineering." She has guided practical components such as "Circuit Experiment," "Digital Circuit Experiment," "Digital Circuit Course Design," "Electronic Skills Course Design," student graduation projects, and factory internships. Her teaching effectiveness is excellent, and she has been rated A multiple times in university-level teaching evaluations. She has received multiple university-level awards for guiding student graduation projects and was named an Outstanding Instructor for Comprehensive Graduation Training in 2019. She has also guided student internships, earning the title of Outstanding Internship Instructor in 2017. She has supervised students in applying for research and innovation projects at Hunan City University and student competitions, achieving significant results. In 2019, she won one first prize in the university-level electronic design competition, and in 2020, she received one first prize in the provincial electronic design competition.

Cui Zhi, born in November 1982, is from Yiyang City, Hunan Province, a member of the Communist Party of China, associate professor, and doctoral student in the Control Science and Engineering program at the Hunan Universitys Key Laboratory of Visual Perception and Artificial Intelligence. His main research focuses on hyperspectral image acquisition and processing, object detection, and recognition. He has led 5 research projects including those funded by the Hunan Provincial Department of Educations Outstanding Youth Program and the Yiyang City Youth Science and Technology Innovation Talent Fund, and participated in 1 major national science and technology project and 1 key project of the National Natural Science Foundation. Additionally, he has led 5 teaching and research projects including those funded by the Hunan Provincial Educational Science Planning Project and the Hunan Provincial Ordinary Higher Education Institutions Teaching Reform Project, published 17 first-author teaching and research papers, among which 9 are indexed by EI and 2 by CSCD, and obtained 2 invention patents. He has won the second prize in the Hunan Provincial Ordinary Higher Education Institutions Teacher Classroom Teaching Competition, the second prize in the Information Technology Teaching Competition, and the third prize in the Micro-

Lecture Competition, as well as the first prize in the Hunan City College Teacher Classroom Teaching Competition and the first prize in the Information Technology Teaching Competition. He has been honored with titles such as Outstanding Teacher of Hunan City College, Outstanding Communist Party Member of the Yiyang Municipal Committee of the Communist Party of China, and Outstanding Young Backbone Teacher of Hunan City College.

Zhang Xuejun, born on February 6, 1966, in Yiyang, Hunan, is an associate professor with 20 years of experience. He graduated from the School of Physics and Electronic Engineering at Central China Normal University in 1987 and conducted high-level visits at Yunnan University from 2008 to 2009, focusing mainly on teaching and research in electronic science and technology, with a research direction in nanomaterials computer simulation and performance studies.

In recent years, the scientific research achievements include: publishing 4 scientific papers in the Physics Journal and 10 scientific papers in other SCI source journals, with over 30 papers in other journals. In 2017, he/she won the First Prize of Yiyang City Science and Technology Progress Award, in 2018 he/she won the Third Prize of Hunan Province Science and Technology Progress Award, and in 2015, the paper "First-Principles Study on the Electronic Structure and Optical Properties of Nitrogen-Ferrite-Blended Perovskite Titanium Dioxide" published in the Physics Journal was awarded the Top Paper of Chinas Excellent Scientific and Technological Journals in 2015. He/she has edited 5 higher education textbooks, 2 of which are first-edited, and published 5 monographs, including 1 authored monograph, with "Research on Modern Electronic Equipment Design and Manufacturing Technology" published by University of Electronic Science and Technology Press. He/she is also an expert in home appliance repair. He/she holds 10 invention patents and over 20 utility model patents.

Zhou Lai Xiu, born in 1967, is from Yiyang, Hunan Province, and is an associate professor of electronics. She has published 13 papers as the first author, including 3 in CSCD, and multiple teaching research papers. She has led 1 provincial education department project, 1 municipal-level scientific research project, 1 teaching research topic, and 1 Ministry of Education industry-university-research collaborative talent cultivation project, obtained 2 national patents, and participated in multiple provincial and municipal-level scientific research projects.

Zhu Qiuxiang, born in July 1985, is a member of the Communist Party of China, holds a doctoral degree, and is an associate professor. She is recognized as a key teacher for young people in Hunan Province. She has been honored as a Star of Hundred Positions at Hunan City University, an Outstanding Teacher, and a candidate for the "351 Talent Project." Her research focuses on micro-nano optoelectronic functional materials and devices. She has led one National Natural Science Youth Fund project, one Hunan Provincial Natural Science Youth Fund project, one university-level ideological and political work quality improvement project, one provincial general project of the provincial Department of Education, three university-level scientific research projects, one university-level teaching reform project, and has guided one provincial-level and three university-level undergraduate innovation training projects. She has published 9 papers in well-known domestic and international journals, including 5 SCI papers and 2 teaching research papers. In 2018, she received the Third Prize of the Hunan Provincial Science and Technology Progress Award, ranking second. In 2019, she won the First Prize of the Third Natural Science Excellent Academic Achievement Award of Yiyang City. In 2021, she led one university-level "Class A" gold course and received the Third Prize of the Hunan Provincial Technology Invention Award, ranking second.

Chen Hao, born in December 1976, is a lecturer with a Ph.D. in Computer Science and Technology. He graduated from the Air Force Engineering University in 2008. He has been involved in multiple major military research projects, accumulating rich practical experience. Since December 2017, he has been working at Hunan City University, guiding students in research-based learning and innovative experiments, securing one national-level project. He has also coached students in national robotics competitions, winning first prizes for consecutive years. His main research areas include artificial intelligence, machine vision, and machine learning.

Ye Yong, born in May 1966, graduated from Hunan University with a major in Power System and Automation. He is a lecturer at Hunan City College, where he teaches courses and practical training in electrical and electronic technology. He has participated in the "Circuit Analysis" gold course project and obtained one national patent.

Xiong Jie, Masters degree, lecturer. Won the second prize in the Hunan Province General Higher Education Informatization Teaching Competition, holds 1 invention patent and 1 utility model patent, has led 2 provincial science and technology projects of the Provincial Department of Education, 1 municipal science and technology project, 1 university-level science and technology project, 1 Ministry of Education industry-university-research collaborative talent cultivation project, and participated in multiple provincial science and technology education reform topics; guided students to participate in the National College Student Electronic Design Competition winning 1 provincial "First Prize" and 2 "Second Prizes". Guided multiple undergraduate research-based learning and innovative experimental projects, including 1 national-level and 1 provincial-level project.

Zhang Licheng, born in August 1986, is a member of the Communist Party of China, holds a Doctor of Engineering degree from Central South University, and is a lecturer and senior embedded engineer. His main research areas include theories of Earths electromagnetic fields, numerical calculations of Earths electromagnetic fields, and signal processing and interpretation of electromagnetic fields. He has led 1 project funded by the Hunan Provincial Natural Science Youth Fund, 1 project funded by the Hunan Provincial Department of Educations Outstanding Youth Program, 1 project funded by the Ministry of Educations Industry-Academia-Research Collaboration Program, 1 project funded by the Yiyang City Science and Technology Special Project, and 1 project funded by the National Fund Cultivation Program of Hunan City University. He has participated in 6 national-level projects including the National Major Special Project of the National 863 Program and the National Natural Science Foundation. He has published over 20 papers, among which more than 10 are indexed by SCI and EI, and has authored 1 monograph. Under his guidance, students have won 1 project funded by the Hunan Provincial Department of Educations Beidou Micro-Project, 1 project funded by the National Undergraduate Innovation and Entrepreneurship Training Program, and 2 third prizes in the National Undergraduate Mathematical Modeling Competition. He has been selected as part of the "351" Talent Project (Third Level) at Hunan City University, a key young backbone teacher training program at Hunan City University, and has been recommended as a mentor for Masters degree candidates in Electronic Information.

Deng Yaqi, born in September 1991, is a member of the Communist Party of China, holds a Doctor of Engineering degree, is an associate professor and masters supervisor, a senior embedded engineer, and a key teacher for young teachers in Hunan Province. He graduated with a Ph.D. from Xi an University of Electronic Science and Technology in 2019, focusing on radar signals and information processing. He has led one project each of the Hunan Provincial Natural Science Foundation Youth Project, the Hunan Provincial Department of Education Excellent Youth Project, the Ministry of Education Industry-University-Research Collaborative Talent Training Project, and the Yiyang City Social Science Federation General Project. He has participated in two national "13th Five-Year Plan" projects. He has published over 20 papers, including more than 10 SCI-indexed papers, obtained 2 patents, and authored 1 monograph. Under his guidance, students have won 2 awards

in the National College Students Innovation and Entrepreneurship Training Program and 1 third prize in the National College Students Mathematical Modeling Competition.
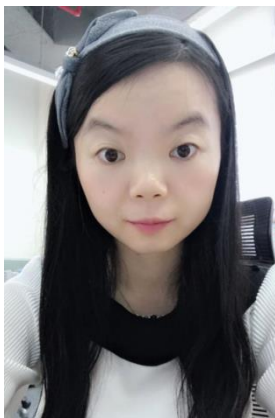
Peng Jinlin, born in February 1987, is a lecturer who graduated from the School of Materials Science and Engineering at Xiangtan University in 2021 with a Ph.D. in Engineering. He has participated in national natural science foundation projects including the local characterization of electric field-controlled ferroelectric thermal conduction and multi-scale thermomechanoelectric coupling mechanisms, as well as the local characterization and microstructure correlation of ferroelectric material electro-mechanical thermal effects. His main research directions are the optimization design of physical properties of smart materials and big data machine learning for predicting material properties, with 9 publicly published papers, including 8 SCI papers.

Lin Lin, who won the provincial third prize in the 2018 Hunan Province Information Technology Competition, the first prize in the 2019 Hunan Province Information Technology Competition, the first prize in the 2018 Hunan City University Information Technology Competition, and the second prize in the 2017 Hunan Province Information Technology Competition, was honored as a Model Worker and received an Excellence Award in Teacher Morality Competition. She has led and completed 2 provincial-level and ministerial-level research projects; she led and completed 1 project from the Hunan Provincial Department of Education, published 20 academic papers in authoritative or Chinese core journals with high citation rates; authored 1 textbook and obtained 1 national utility model patent. She has been involved in the development of multiple invention patents, guided students to complete innovation and entrepreneurship projects, and helped students win multiple awards in the provincial college student electronic design competition. She primarily teaches courses including "Signals and Systems," "Digital Signal Processing," "PLC Principles and Applications," "Modern Communication Technology," and "Microcontroller Principles and Applications."

Zhang Lingfang, a member of the Communist Party of China, holds a Masters degree in Electronic Science and Technology from Central South University. She is a lecturer with a primary research focus on digital image processing. Her main courses include "Analog Electronic Technology" and "Electrical Engineering Practice." She has contributed to the textbook "Fundamentals of Electrical Engineering" and obtained one new utility model patent.

Mo Shiyi, Master of Electrical Circuits and Systems, Senior Patent Engineer, PCT International Review Engineer. Published one paper in EI source journal as the first author, mainly focusing on digital image processing.

Hu Hai, born in August 1986, is a member of the Communist Party of China, holds a Masters degree, and is a newly hired teacher. After graduation, he has successively worked at TCL Multimedia, iQiyi, and SanYi AiKa Interconnect Company, serving as a Senior Software Development Engineer. He is proficient in mobile application architecture design and module function development, mastering Object-C/Java languages, and has development experience on both iOS and Android platforms, including TV applications, mobile applications, and VR device applications. He possesses extensive corporate product research and development work experience.

Liu Xiongjie, born in July 1994, is a member of the Communist Party of China and holds a Masters degree from Hunan University. He is a new faculty member and his research focus is on digital image processing. He has published one monograph and is responsible for teaching and practical training in the course "Principles and Applications of Microcontrollers."

Liu Xiaoxi, born in 1995, is an assistant lecturer and a masters student. The first author has published 1 paper, including 1 paper in an EI journal. She is responsible for teaching the courses on C language programming and data structures. She serves as the instructor of the software competition laboratory, emphasizing the cultivation of students logical thinking and practical skills.

Li Maolin, born in December 1997, is a member of the Communist Party of China, holds a Masters degree, and is an assistant lecturer. His main research focus is on intelligent image processing, and he currently teaches courses such as machine learning, speech signal processing, and image processing with computer vision. In recent years, he has participated in one project funded by the Guangdong Provincial Natural Science Foundation, published one SCI paper, and obtained one national invention patent. He has won the National First Prize in the College Student Electronic Design Competition; and has guided students to win five provincial-level or higher awards in national college student electronic design competitions, challenge cup competitions, and other academic competitions.

Zhong Peng, born in July 1998, male, Han nationality, member of the Communist Party of China, graduated from the Key Laboratory of Neuroinformatics and Electronics at University of Electronic Science and Technology of China in 2022, obtaining a Masters degree in Electronic Information, authorized one national invention patent, co-published two SCI papers, research interests include artificial intelligence and machine learning methods for medical image data pattern recognition, intelligent medical imaging and image processing technology. Previously worked as a software development engineer at Beijing Meituan headquarters, responsible for the backend construction of Meituans e-commerce business module. Currently mainly teaches courses on deep learning, intelligent optimization algorithms, and C++ programming.