

刘真好

手机：(+86) 15105000990 · 邮箱：liuzhenhao0731@163.com

21 岁 · 女



教育背景

2023.09 - 至今	重庆大学	UC 联合学院——电气工程及其自动化
专业成绩：GPA 3.94/4.00	专业排名：1/58	英语四级：586 英语六级：542

科研经历

2026.05 - 2026.09	重庆大学汪金刚老师课题组	核心成员
- 项目名称：基于多时间尺度灵活性分析的风光储氢微电网容量优化与可靠性评估 - 项目内容：面向高比例可再生能源接入的风光储氢微电网，优化电池储能、制氢、储氢及燃料电池等设备容量，并评估不同运行场景下的系统经济性与供能可靠性。 - 承担工作：负责容量优化与运行调度模型的 Python 编程实现，并参与论文撰写。		
2024.12 - 2025.12	市级大学生创新训练项目	负责人
- 项目名称：基于多碱性电解槽启停特性的光伏宽功率波动调控方法 - 项目内容：光伏电池输出功率的准确预测、微电网系统的构建、COMSOL 电解槽仿真。 - 承担工作：作为负责人，进行项目信息的上传下达；利用 MATLAB/SIMULINK 软件进行包括 PV 单元、电解槽单元、燃料电池单元、蓄电池单元的微电网系统的构建；利用 COMSOL 软件进行多流道电解槽仿真模型的构建。 - 项目成果：优秀结项。		
2023.09 - 2024.07	重庆大学大学生科研训练 (SRTP) 项目	负责人
- 项目名称：变电站交流电源剩余电流检测技术 - 项目内容：剩余电流和不平衡电流之间的关系，便携式多钳口剩余电流检测装置的初步设计和焊接。 - 承担工作：作为负责人，负责与导师沟通交流，设计并安排电路板的焊接，学习 Origin、Visio 等软件并进行作图，进行开题、结项的报告撰写以及答辩 PPT 的制作。 - 项目成果：优秀结项。		

实习经历

2025.9 - 2025.12	清华四川能源互联网研究院系统混合仿真研究所	电力系统分析实习生
- 项目名称：区域柔性直流输电系统与可调节性源荷储资源协同发展关键技术研究、大规模新能源消纳场景模拟与双碳路径推演技术研究、某省“十五五”新型电力系统发展规划 - 承担工作：参与论文与专利撰写、MATLAB 代码开发、项目汇报 PPT 制作及相关技术报告撰写。 - 项目成果：发表专利一篇。		

竞赛经历

2025.12	市级大学生创新训练项目（负责人）	优秀
2025.05	第四届高校电子电气工程创新大赛（核心成员）	省级三等奖
2025.01	美国大学生数学建模竞赛（核心成员）	H 奖
2024.05	重庆大学“挑战杯”电子电工技能大赛（核心成员）	校级三等奖

学生工作

2023.09 - 2024.09	重庆大学学生 UC 联合学院实践部	干事
-------------------	-------------------	----

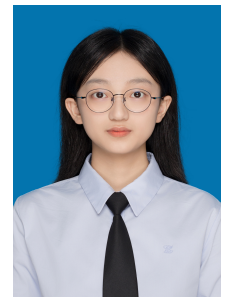
荣誉证书

2026.10	国家级奖学金	国家级
2026.03	Co-op “实习之星” 一等奖	院级
2025.05	重庆大学优秀学生	校级
2024.10	重庆大学优生	校级
2024.10	重庆大学三好学生	校级

ZHENHAO LIU

Phone : (+86) 15105000990 · Email : liuzhenhao0731@163.com

Age: 21 · Female



EDUCATION

Sep 2023 - Present	Chongqing University	Joint Co-op Institute – Electrical Engineering and Automation
GPA: 3.94/4.00	Major Rank: 1/58	CET-4: 586 CET-6: 542

RESEARCH EXPERIENCE

May 2026 - Sep 2026	Research Group of Prof. Jingang Wang, Chongqing University	Research Intern
• Project: Capacity Optimization and Reliability Assessment of a Wind–Solar–Storage–Hydrogen Microgrid. • Responsibilities: Developed Python-based capacity optimization and dispatch models and contributed to paper writing.		
Dec 2024 - Dec 2025	Municipal Undergraduate Innovation Training Program	Project Leader
• Project Title: Photovoltaic Wide Power Fluctuation Regulation Based on Multi-Alkaline Electrolyzer Start-Stop Characteristics • Project Description: Photovoltaic output power prediction, microgrid system construction, and electrolyzer simulation using COMSOL. • Responsibilities: Coordinated project progress; constructed microgrid models including PV units, electrolyzer units, fuel cell units, and battery units using MATLAB/Simulink; developed multi-channel electrolyzer simulation models using COMSOL. • Outcome: Project rated Excellent.		
Sep 2023 - Jul 2024	SRTP Undergraduate Research Training Program	Project Leader
• Project Title: Residual Current Detection Technology for Substation AC Power Supply • Project Description: Study of the relationship between residual current and unbalanced current; design and fabrication of a portable multi-clamp residual current detection device. • Responsibilities: Communicated with supervisor; organized PCB soldering; used Origin and Visio for data visualization; prepared proposal report, final report, and defense presentation. • Outcome: Project rated Excellent.		

INTERNSHIP EXPERIENCE

Sep 2025 - Dec 2025	Tsinghua Sichuan Energy Internet Research Institute	Engineering Intern
• Projects: Key Technologies for the Coordinated Development of Regional Flexible DC Transmission Systems and Adjustable Generation–Load–Storage Resources; Scenario Simulation and Dual-Carbon Pathway Planning for Large-Scale Renewable Energy Integration; and the “15th Five-Year Plan” for the Development of a New Power System. • Responsibilities: Contributed to paper and patent writing, MATLAB coding, presentations, and technical reports. • Project Outcome: Co-authored one patent application.		

COMPETITION EXPERIENCE

Dec 2025	Municipal Undergraduate Innovation Training Program (Leader)	Excellent
May 2025	4th Electronic and Electrical Engineering Innovation Competition (Core Member)	Provincial Third Prize
Jan 2025	Mathematical Contest in Modeling (Core Member)	Honorable Mention
May 2024	CQU Challenge Cup Electronic Skills Competition (Core Member)	University Third Prize

STUDENT LEADERSHIP

Sep 2023 - Sep 2024	UC Joint Co-op Institute Student Practice Department	Officer
---------------------	--	---------

HONORS AND AWARDS

Oct 2026	National Scholarship	National Level
Mar 2026	First Prize, Co-op “Internship Star” Award	Institute Level
May 2025	Outstanding Student of Chongqing University	University Level
Oct 2024	Excellent Student of Chongqing University	University Level
Oct 2024	Three-Good Student of Chongqing University	University Level