

LANGUAGES

English	Native
Mandarin	Proficient

MY CAREER



- Electrical Engineering Intern at University Project (4 Months)
- Microcontroller Development Assistant at Academic Research (3 Months)

- Contributed to research and development efforts involving microcontrollers and automated systems within an academic framework. Collaborated closely with faculty and peers to achieve project goals, emphasizing innovation and technical documentation.
- Supported coding microcontrollers in C for automation, demonstrating proficient software skills integrated with hardware capabilities.
 - Analysed sensor data recorded during trials, assessing performance parameters and potential issues.
 - Created presentations using MS PowerPoint to share project milestones and results, enhancing verbal communication.
 - Facilitated peer review meetings, providing constructive critiques that refined methodologies.
 - Maintained organized records showing detailed procedures adopted during experiments for future references.
 - Cultivated collaborative relationships in a dynamic project setting, promoting adaptability and creativity.

Circuit Design Team Member

Hackathon Project 📅 April 2025 📍 Remote

- Collaboratively engaged in focused problem-solving during a competitive hackathon centered on innovative circuit design. Led the team through prototyping stages, bringing theoretical knowledge into practice and heightening effectiveness through simulation.
- Designed and built a prototype circuit catering to smart home solutions, prioritizing user feedback in ideas.
 - Enhanced designs via simulation software, testing circuitry prior to implementation based on projected outcomes.
 - Presented functional prototypes emphasizing utility in real-world contexts to judges, receiving positive reinforcement.
 - Authored thorough documentation explaining design elements and operational instructions for end-user convenience.
 - Sought expertise from mentors for tackling challenges encountered, amplifying learning through discourse.
 - Achieved commendation for innovative concepts contributing valuable angles to known challenges in electronics.

LEADERSHIP & AWARDS

- Dean's List, University of Illinois (2025)
- First Place, University Hackathon (2025)

CERTIFICATIONS

- Introduction to Microcontrollers 📅 2026
- Fundamentals of Circuit Design 📅 2026

PROFESSIONAL AFFILIATIONS

- Member, Engineering Student Association (2024-Present)
- Volunteer, STEM Outreach Program (2025-Present)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST