Taowei Huang

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EDUCATION

University of Illinois Urbana-Champaign   **Champaign-Urbana, IL**
- Bachelor of Science in Computer Engineering   Expected May, 2026
- Honors: James Scholar, Dean's List all semesters   GPA: 4.0/4.0
- Currently enrolled: Introduction to Robotics, Digital Signal Processing
- Relevant past coursework: Data Structures, Computer Systems & Programming, Analog Signal Processing

EXPERIENCE

Lab Escape   **Champaign-Urbana, IL**
Escape Room Facilitator   March, 2023—Present
- Effectively communicated physics concepts to more than 50 diverse participants, ensuring their understanding and enjoyment of the escape room experience, resulting in consistently positive feedback and repeat business.
- Contributed to the operation of a physics-based escape room, assisting in the setup, maintenance, and facilitation of challenging puzzles that incorporated complex physics concepts.

Lavner Education   **Philadelphia, PA**
IT/Technology Instructor   June, 2023—August, 2023
- Delivered high-quality instruction in programming languages such as Scratch, Python, and C++ to a diverse group of over 30 students ranging from elementary to high school age, in both classroom and one-on-one settings.
- Provided troubleshooting and technical support for hardware and software issues, ensuring smooth operation of the classroom's technology infrastructure.

ACTIVITIES

iRobotics   **Champaign-Urbana, IL**
Electrical Team Member   August, 2023—Present
- Developed and implemented a soft-start circuit for a nationally competitive battle bot, effectively limiting in-rush current during startup and enhancing operational efficiency and reliability.
- Built and soldered critical electrical circuits for a battle bot, ensuring precise component integration and contributing to optimal performance in national competitions.

HKN ECE Honor Society   **Champaign-Urbana, IL**
Member of Student Service Committee   August, 2023—Present
- Authored extensive content for the HKN ECE course wiki, providing comprehensive course overviews and success strategies to aid student comprehension and academic success.
- Delivered personalized tutoring in courses such as Computer Systems & Programming to individual students to enhance their understanding and mastery of the course material.

PROJECTS

Portfolio website   **September, 2023—Present**
- Designed and built a static website utilizing HTML, CSS, and JavaScript to effectively display personal experiences and projects to showcase technical proficiency and creative ability.
- Utilized CSS and JavaScript to develop a polished and user-friendly interface to ensure a seamless and professional online user experience.

SKILLS

- Programming Languages: C/C++, Python, HTML/CSS, Javascript
- Software/Hardware: KiCAD, Oscilloscope, Signal Generator
- Languages: English (fluent), Chinese (fluent), Spanish (conversational)