Taowei Huang

(914) 608-4543 | taoweih2@illinois.edu | taoweihuang.com

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
- Relevant coursework: Discrete Structures, Computer Systems&Programming

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

Project Code   **Champaign-Urbana, IL**
Member   January, 2023—Present
- Created a Python-based Google Chrome extension, enabling article summarization and sentiment analysis through natural language processing techniques.
- Collaborated with a team of 12 members to optimize user experience, ensuring a stable and efficient solution for article summarization and sentiment analysis.

iRobotics   **Champaign-Urbana, IL**
Electrical Team Member   August, 2023—Present
- Developed a soft-start circuit for a nationally competitive battle bot, significantly limited the in-rush current during the powering up of the robot.

HKN ECE Honor Society   **Champaign-Urbana, IL**
Member   August, 2023—Present
- Contributed numerous entries to the HKN ECE course wiki that helps students to understand the content of courses as well as giving tips on how to succeed in those courses.

Illini EV Concept   **Champaign-Urbana, IL**
Electrical Team Member   August, 2022—May, 2023
- Designed a PCB for the CAN bus and power distribution board as a core member of the Illini EV Concept, contributing to the development of high-performance electric vehicles for competitions.

SKILLS

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