

Taowei Huang

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EDUCATION

University of Illinois Urbana-Champaign

Champaign-Urbana, IL

- Bachelor of Science in Computer Engineering
- Honors: James Scholar, Dean's List all semesters
- Relevant coursework: Discrete Structures, Computer Systems&Programming

Expected May, 2026
GPA: 4.0/4.0

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.
- Served as a positive role model, fostering an inclusive and collaborative learning environment while promoting enthusiasm and confidence in IT and technology.

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.

Institute of Electrical and Electronics Engineers

Champaign-Urbana, IL

Member

January, 2023—Present

- Developed a Word Cloud visualization tool and conducted sentiment analysis on Twitter tweets using Python and NLP techniques.
- Actively participated in the IEEE chapter at University of Illinois, engaging in regular workshops, seminars, and networking events related to cutting-edge technologies.

Illini EV Concept

Champaign-Urbana, IL

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: Python, C/C++, Arduino Programming
- Languages: English (fluent), Chinese (fluent), Spanish (conversational)