

# Taowei Huang

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## EDUCATION

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### 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

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### 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

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### 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

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