



MeiQiang Huang

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Campus Address • 1999 Burdett Avenue • Troy • NY • 12180

Permanent Address • 316 E 117th Street Apartment 3 • New York • NY • 10035

Education

Rensselaer Polytechnic Institute: Troy, NY

Bachelor of Science Computer Science and Information Technology and Web Science

Graduate Candidate: May 2025

- **Current GPA:** 3.79
 - **Relevant coursework:** Rensselaer Center for Open Source, Linear Algebra, Data Structure, Web Science Development, Foundation of Human-Computer Interaction Usability, Computer Organization, Introduction to Algorithms
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Relevant Experience

Full-Stack Developer for Energy Explorer

Rensselaer Polytechnic Institute, Troy, NY

1.23-6.23

- Collaborated with NASA to make a web app that reduces barrier of entry for community scientists in renewable energy
- Designed and developed the front-end using React and Bootstrap, prioritizing user experience and adhering to 508 compliance for accessibility
- Contributed to back-end by implementing MongoDB for data storage, creating API endpoints, and hosting on Azure VM

Front-end Developer for LMS Mirror

Rensselaer Center for Open Source (RCOS), Troy, NY

8.22-12.22

- Worked in a team of 7 to create a more efficient software for 7,600+ students to access their course information
- Contributed to developing a functional front-end interface with a focus on usability and user experience

Computer Science Mentor

Rensselaer Polytechnic Institute, Troy, NY

8.22-12.22

- Attended weekly staff meeting with fellow mentors, teaching assistances, and professors
- Assisted 50+ students per week in lab assignments and homework

Math Tutor

Manhattan Center for Science and Mathematics, New York, NY

9.18-3.20

- Tutored classmates in mathematical concepts three times a week
- Assisted and supported teachers in grading quizzes and preparing class materials

Volunteer

FIRST Robotics Competition, New York, NY

12.17

- Planned and hosted the competition with a team of 15
 - Set up the physical environment for the competition, including equipment placement and safety measures
 - Managed event logistics and updated scores on display screens, ensuring a smooth and engaging competition
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Projects

Solar Roulette-HackRPI Hackathon, Troy, NY

11.22

<https://solarroulette.tech>

- Worked in a team of 4 to develop an interactive educational site that displays real-time data on various bodies in the solar system using Solar System OpenData API, Bootstrap, Three.js, and Selenium
 - Presented the final product to other participants and received overwhelmingly positive feedback
 - Conducted user testing and received 2nd place prize for best overall project
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Skills

- Proficient in Microsoft Office, Python, C++, C, HTML, CSS, JavaScript, PHP, LaTeX, Vue.js, Git
 - Fluent in English, Mandarin Chinese, and versed in Japanese
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Extracurricular Activities

Chess Club, Rensselaer Polytechnic Institute • President

12.21-Present

- Organized and hosted weekly meetings and facilitated large-scale events such as in-person and online chess tournaments, attracting 20+ participants per event
- Managed online chess club social platforms and moderated online discussions to promote civil interactions

City College of New York STEM Summer Institute • Participant

7.20-8.20

- Awarded 1st place medal for Best Student in Physics class
- Participated on team project as team leader and video editor in virtual Rube Goldberg Machine video
- Coordinated and oversaw communication between team members