

Lisa (Wenle) Huang

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EDUCATION

Carnegie Mellon University, Pittsburgh, PA

May 2027

GPA: 3.76

Bachelor of Science in Information Systems with Intended Additional Major in Computer Science

Selected Coursework: Introduction to Data Structures, Concepts of Mathematics, Principles of Imperative Computation, Matrices and Linear Transformations

Singapore American School, Singapore

May 2023

Cumulative GPA: 4.35

Selected Test Scores: AP Computer Science: 5; AP Calculus BC: 5; AP Statistics: 5; SAT: 1560

EXPERIENCE

Researcher, Department of Computing and Information Systems (Java, R, LaTeX)

Dec 2021 - June 2023

Singapore Management University, Singapore

- Researched methods to make Web3 apps sustainable with statistical data under the supervision of Dr. Feida Zhu
- Coded simulation and presented at workshops, seminars, and classes

Quality Assurance Engineer Intern, Backend Team (Java, Python)

Jun - Aug 2022

Codigo, Singapore

- Reported a daily average of 15+ bugs and wrote 35+ test cases daily (productivity in line with co-workers)
- Edited software documentation and gave detailed advice to the UI/UX team on user-friendliness
- Saved >40 hours for the Company

Software Developer Intern, Data Science Team (Python, SQL)

Dec 2021 - Feb 2022

Truecolor, Shanghai, China

- Worked in a team of 12 to design and launch an eco-friendly pencil set
- Coded algorithms that predicted market outcomes with 95% accuracy; invited to return the following winter break
- Collected, cleaned, and sorted hundreds of revenue data with self-taught machine learning and statistical techniques

ACTIVITIES

First-Year Social Chair, Society of Women Engineers

Sep 2023 - Present

- Host and lead events such as CIT Ball and DIY sessions, garnering 30+ attendees per event
- Liaise with different companies including SpaceX and Tesla to hold talks and networking events

President and Founder, International Youth STEM Conference

May 2022 - June 2023

- Organized and hosted a conference for global middle and high schoolers that attracted 400+ sign-ups
- Received \$5K in endowments to achieve the Conference's mission of empowering youth, especially women
- Coordinated 2 sponsorships
- Reviewed 80+ team member applications and recruited 26 team members for the planning of events
- Supported by executives/leaders from Google, Amazon, Nike, etc

SKILLS

Software/Applications: Java, Python, C, R, SQL, LaTeX; iOS, Android, Git

Languages: Native proficiency in English and Mandarin

AWARDS & HONORS

International Junior Mathematics Olympiad - Gold Award

Design Thinking with Robotics and Computational Thinking Int'l Competition - Gold Award

Hack the World Hackathon - 2nd Place Winner

AMC 12B (American Mathematics Competition) - Global Top 5%

Qualifier for American Invitational Mathematics Examination (AIME)