

HONGWEI LI (DILLON)

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A highly motivated student seeking challenging summer software internship opportunities.

EDUCATION

Rensselaer Polytechnic Institute, GPA: 3.26/4.0

Troy, NY

B.S. in Computer Science

May 2026

Relevant Courses: Data Structures, Computer Science I, Business and Management.

Stuyvesant High School, GPA: 3.5/4.00

New York, NY

High School Diploma

Jun 2022

Relevant Courses: Computer Science, Technical Drawing, 3D Modeling, Analog and Applied Electronics.

PROFESSIONAL EXPERIENCE

CodePath Android Development

New York, NY

Project Development Course

Feb 2023 – Apr 2023

- Learn the basics of Android development including IDEs, Kotlin language, and debugging.
- Design and architect a functional multi-screen mobile app in a group setting.

StuyPulse FIRST Robotics Team

New York, NY

Mechanical Division member

Sep 2019 – Jun 2022

- Designed and built prototypes of a feeding mechanism that allows the robot to collect and store balls for shooting.
- Gained hands-on experience in machines such as drill press, laser cutter, bandsaw, and belt sander.

Technical Project

New York, NY

High School STEM Course

Sep 2021 – Jun 2022

- Designed and built circuitry to adjust the LED and seven-segment display using IC chips, ceramic capacitors, resistors, potentiometers, and buttons.
- Utilized AutoCAD to design a 3D water bottle jug and created a multi-view drawing with dimensions.
- Laser cut a wooden, finger-jointed light box with engraved images and cut-outs.

SAT Prep Center

New York, NY

Teaching Assistant

Jul 2020 – Aug 2021

- Tutored multiple groups of 15 students to enhance their mathematical and English comprehension skills.

LEADERSHIP DEVELOPMENT

Society of Asian Scientists and Engineers (SASE)

Troy, NY

Member, Mentee

Sep 2022 – Present

- Developed professional experience and network through participating in various conferences, workshops, and social events.
- Aiming to join the Public Relations Committee to raise awareness of social and service events to the community.

Eighth Wonder Dance Club

Troy, NY

Treasurer

Sep 2022 – Present

- Handled all income and expenditure of the club while tracking the club funds in a financial report to organize and plan future club events.
- Will be coordinating with school officials and monitoring events to request and raise funds for the club.

PSAL Stunt & Cheer

New York, NY

Cheerleader and Back spotter

Sep 2018 – Jun 2022

- Participated in 5 cheerleading events to support the school's sports games.
- Supervised and mentored new stunt members to facilitate their transition to the team.
- Successfully organized 3 in-school fundraisers for the team to participate in national competitions.

SKILLS

Technical: Python, HTML, Kotlin, Scratch, AutoCAD.

Prototyping: 3D printer, laser cutter, horizontal bandsaw, drill press.

Languages: Proficient in English and Mandarin.