

# David Hao

3295 Amelia Drive, Mohegan Lake, NY, 10547

Mobile: (914)-531-9583    LinkedIn: [www.linkedin.com/in/david-hao-7b8934185](https://www.linkedin.com/in/david-hao-7b8934185)    Email: david123hao@gmail.com

## EDUCATION

**New York University (Expected Graduation Date: Spring 2026)** **New York, NY**

**Major: Computer Science and Data Science**

**GPA: 3.75**

**Rensselaer Polytechnic Institute 2022-2023**

**Troy, NY**

**GPA: 3.9**

Rensselaer Polytechnic Institute Dean's List (2022)

## WORK & LEADERSHIP EXPERIENCE

### **Bobst Endpoint Computing Services**

**New York, NY**

Desktop Support Assistant

2023-Present

- Solved help desk tickets, installed hardware and software, completed maintenance requests, participated in projects, involved in the setup and movement of computer equipment.
- Worked and consulted with full-time technicians and supervisors.
- Coordinated with third-party vendors on problem resolution.

### **A Robotics**

**Ossining, NY**

*Technology Intern*

2021 – 2023

- Executed intricate soldering, wiring, and CAD designing tasks with precision and proficiency.
- Used python to manage robotic input using motorlib library for Clean-R robot which utilized an Arduino
- Developed autofocus/auto zoom functionality guided by LiDAR for a motorized camera package
- Coded and synchronized servo motors, stepper motors, DC motors, and absolute encoders for Image-R and Clean-R
- Was involved in the creation of robots that were used in both civilian and military applications.

### **Mohegan Lake Incorporated**

**Mohegan Lake, NY**

*Lifeguard*

2020-2023

- Managed emergencies, executed water rescues, and administered first aid in high-pressure, fast-paced environments.

### **New York Medical College**

**Valhalla, NY**

*Lab Assistant*

2019-2022

- Helped experiments including Western blot, Polymerase Chain Reaction, and DNA microarray.
- Researched articles and assisted in writing an abstract on hypertension.

### **Hack RPI**

**Troy, NY**

*Member*

2022

- Involved in a hackathon, designed and created a project, involved in team management and organization.

## CLUBS

### **Pi Delta Psi Fraternity**

**New York, NY**

*Webmaster and treasurer*

2022-Present

### **Blockchain & Fintech Club**

**New York, NY**

*Member*

2023-Present

### **OSIRIS Lab**

**New York, NY**

*Member*

2023-Present

### **Quantitative Finance Society**

**New York, NY**

*Member*

2023-Present

### **Marketing Society**

**New York, NY**

*Member*

2023-Present

## PROJECTS AND PAPERS

### **Automated Texter and Emailer**

**2023**

Software that used email, smtplib, panda libraries in Python sent hundreds automated messages to members of a club

### **Biology Abstract**

**2023**

Published an abstract which was presented at the International Experimental Biology Conference and published in The Federation of American Societies for Experimental Biology Journal (2023)

## SKILLS, ACTIVITIES & INTERESTS

**Spoken Languages** - Mandarin (Fluent), English (Native)

**Technical Skills:** JavaScript, Python, C#, C++, C, R, SQL, CAD, Microsoft Access, Microsoft Excel, x86 assembly, GIT, AutoCAD, Excel/Numbers/Sheets, MATLAB, HTML

**Interests:** Entrepreneurship, swimming, reading, volunteering, video games, robotics, physical exercise, reading