

Victor Wong

victorwong315@gmail.com ❖ 617-797-9352 ❖ [LinkedIn](#)

SKILLS

Programming Languages: Python, JavaScript, R, SQL

Frameworks and Libraries: Flask, Tensorflow, Pandas, TailwindCSS, React

Other Technical Skills: HTML, CSS, Git, MongoDB, Express.js, Node.js, NextJS

EDUCATION

Union College | Schenectady, NY

Expected Graduation: Jun 2028

Bachelor of Science in Computer Science

GPA: 3.78

- **Relevant Coursework:** Accelerated Single Variable Calculus, Can Computers Think, Data Visualization

Concord Academy | Concord, MA

May 2024

- **Relevant Coursework:** Object Oriented Programming, Mobile Apps, Machine Learning, Big Data Analytics

Harvard Summer School

Jun- Aug 2022

- **Relevant Coursework:** CS50: Introduction to Computer Science, Building Web Applications for Data Analysis

WORK EXPERIENCE

Computer Science Research Assistant | Union College

Oct 2024- Present

- Read over **10+ research papers** on user design and human-computer interaction
- Collaborated with a team of **8 developers** to create a cleaner user interface for Union College's CAP Lab
- Utilized NextJS and TailwindCSS to design a web page to showcase our research

Software Developer Intern | EpiBuild

Jan 2025 -Present

- Built **interactive websites** in JavaScript, HTML, and TailwindCSS to bring ideas to life
- Leveraged MongoDB to create a more scalable website

PROJECTS

Data Science Project | *Big Data Analytics* | Concord Academy

- Analyzed two datasets from Kaggle about student stress factors using R, Python, Pandas, and matplotlib
- Concerns about future career prospects and bullying are the main reasons for 75% of students' stress

Web Development Project | *Departmental Study* | Concord Academy

- Completed a project using **self-learning** and weekly meetings with faculty to enhance web development skills
- Engineered a full-stack Google Calendar clone using JavaScript and Node.js

Sign Language AI Model | *Machine Learning* | Concord Academy

- Developed and optimized an ASL recognition model using TensorFlow, achieving 73% accuracy
- Utilized OpenCV to process sign language in real time

VOLUNTEERING

Language Teacher | Bedford Plaza Hotel

Jan - Apr 2024

- Taught English to recent immigrants to enhance their language proficiency
- Designed weekly lesson plans to **maximize learning potential**, ensuring the foundations of a useful vocabulary

Mentor | Big Brother Big Sister

Oct 2024 - Present

- Fostering confidence by attending weekly 1:1 meetings with an elementary school mentee
- Selecting and participating in activities that encourage my mentee to be social and active

EXTRACURRICULARS

Participant | 2025 Goldman Sachs Possibilities Summit

Jan 2025 - Present

- Developing an understanding of the different engineering opportunities at Goldman Sachs
- Building relationships with team members through networking and coffee chats

Student | 2025 Codepath's Intermediate Technical Interview Prep

Feb - Apr 2025

- Engaged with over **300+ students** to learn data structures
- Facilitated discussions in a diverse, high-paced learning environment to foster teamwork.