

Harold Huynh

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SUMMARY

First-year computer science student looking to gain software development experience using Python and/or JavaScript. Open to learning new programming languages/libraries if needed for the role.

EDUCATION

California Polytechnic State University | San Luis Obispo, CA **May 2030**

B.S. in Computer Science

Relevant Courses: Fundamentals of Computer Science (*in-progress*), Data Structures (*planned: Spring 2027*), Intro to Computer Systems (*planned: Spring 2027*)

College of Alameda | Alameda, CA **May 2026**

A.S. in Mathematics | 4.00 GPA

Relevant Courses: Structure and Interpretation of Computer Programs, Linear Algebra, Discrete Mathematics, Calculus I-III, Differential Equations

Alameda Science and Technology Institute | Alameda, CA **May 2026**

High School Diploma | 4.00 GPA UW

TECHNICAL SKILLS

Languages (by proficiency): Python (pandas, Playwright), JavaScript (Mocha, SinonJS), HTML, CSS

Tools: Git

RELEVANT EXPERIENCE

Lawrence Berkeley National Lab | Berkeley, CA

June 2025 - July 2025

Software Development Engineer Intern

- Used **JavaScript** libraries, **Mocha** and **SinonJS**, to write **70+ unit tests** used to ensure functionality of file translation program: Modelica-Json
- Gained knowledge and insight on demand flexibility and control systems in commercial buildings
- **1 of 80** high school students within the Bay Area chosen to intern at Berkeley Lab

PROJECTS

Berkeley Lab Director's Apprenticeship Program Data Science Project

Sep. 2024 - May 2025

- Worked in a team of 4 to collect data on apartment listings and find correlations between rent price and various factors
- Web scraped noise/air pollution data on over **9000+** apartment listings using **Python (Playwright)**
- Utilized **Google Maps' APIs** to calculate the distance from apartments to the nearest hospital/school

QuestTree | *IslandHacks*

Nov. 2025

- Worked as a team of 3 to develop a website aimed towards improving users' lifestyle habits using **HTML, JavaScript, CSS**
- Developed **JavaScript functions** used for selecting randomized tasks and tracking streaks/points