

Education

Cumulative GPA: 3.83 **University of California Berkeley** **Expected: Jan 2026**

- B.A. in Computer Science (In Progress)
- B.S. in Civil Engineering (Completed)
- Relevant Coursework: Operating Systems; Computer Architecture; Database Systems; Algorithms; Machine Learning; Computer Security; Full Stack Development; Quantitative Finance; Risk Analysis; Data Science; Statistics; Linear Algebra; Differential Equations; Project Management.

Employment

Software Engineer Intern **Mandalay Technology, Remote** **Oct 2024 - Present**

- Integrated Aeronautical Mapping System (AMS) and Flight Procedures Satellite Analysis Tool (FPSAT) with existing systems for the Myanmar Department of Civil Aviation.
- Wrote and modified over 3000 lines of code on existing Air Traffic Control systems to streamline integration with new software.
- Resulted in 20% increased airspace capacity and 10% reduction in flight delays.

Technology Intern **Cahill Contractors, San Francisco CA** **Summer 2024**

- Utilized visual programming in CM Builder to automate and optimize construction sequence, equipment placement, and logistics planning, improving efficiency by an estimated 20%.
- Automated clash detection tasks in Navisworks Manage using Navisworks API scripts, reducing processing time by 50%.

Technology Intern **Hathaway Dinwiddie, San Francisco CA** **Summer 2023**

- Collaborated with a 7-member team to plan California construction projects totaling over \$1.7B in revenue.
- Developed custom Python scripts using Revit API and Dynamo to automate repetitive modeling tasks, saving the team an estimated 15% in modeling time.

Technical Experience

Projects

- **Paper Markets:** Full-Stack development of free a Paper Trading Platform with market data from Alpha Advantage API. (JavaScript, React, Node.js, SQL)
- **Trading Bot:** Automated bot to trade small market cap cryptocurrencies with a custom correlation based trading strategy. (Python)
- **Operating System:** Pokernow Analysis Plugin, Chromium Extension that gives real-time analysis of games on pokernow.com. (Python, JavaScript, HTML, CSS)

Additional Experience and Awards

- **Open Project, Developer (2024):** Full-Stack development of a speed reading web app.
- **CS Tutor (2024):** Privately tutoring 3 UC Berkeley students on Computer Science and Math courses.
- **USABCI Scholarship, 2x Recipient:** Merit based \$5000 scholarship, awarded twice for a total of \$10,000.
- **Cal Construction, President (2021-2024):** Leading 10 teams of 16 members each for a high stakes project management competition.

Languages and Technologies

- Python; Java; C; C++; Go; Rust; Scheme; SQL; Assembly (RISC-V and x86); HTML; JavaScript; CSS
- Visual Studio; Pandas; MySQL; MongoDB; React.js; Firebase; Unix; Docker