

Sean Vo

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Work/Experience

Otterkit Project — *Open Source Developer*

Nov 2022 - Jan 2024

- <https://github.com/otterkit/otterkit>
- On a team creating a compiler implementing the ISO 2023 COBOL standard for the .NET platform
- Worked on programming, testing, and deployment pipelines for multi-language projects
- Learned to coordinate virtually with an international team of developers on the GitHub platform, develop and work on a long-term product vision

City of Fremont Recreation Dept, Fremont, CA — *Summer Camp Counselor* **2021 - PRESENT**

Jun

- Worked as part of a team to lead kids through daily activities and games, giving them a safe environment to interact and play during the COVID-19 pandemic and beyond
- Learned how to cooperate in a technical work environment, adapt to rapidly changing circumstances, simultaneously manage the concerns of a large group of children, and make use of available resources to ensure a safe and fun environment

City of Fremont, IT Dept, Fremont, CA — *Intern*

Jun-Aug 2019

- Performed a variety of tasks as part of a citywide initiative to refresh work computers
- Learned computer disassembly and hardware maintenance skills in a real-world environment

KUCI 88.9 FM— *Public Affairs Show Radio Host*

Jan - Mar 2023

- Hosted the show *Robot Theater*, a weekly hour-long radio play about computerized voices reenacting various public-domain stories in audio form
- Learned audio editing skills, scriptwriting, content management, FCC radio regulations

Education

University of California Irvine (UCI), Irvine, CA **2026**

Sep 2022 - Expected Jun

- Applied Physics, B.S., Engineering Concentration.
- Current GPA 3.917. On Dean's List.
- Relevant courses: Classical Physics, Electric Circuits, Introduction to Engineering Computations, CAD, Introduction to Digital Systems, Modern Physics, Advanced C Programming, Electrical Engineering Analysis, Differential Equations
- Research: Quantum Materials and Devices Laboratory(<https://sites.uci.edu/qmdl/>)

Skills

Office: Microsoft Office/365, Google Workspace, LibreOffice

Programming: Git/Github, Python, Java, MATLAB, C#, Bash/Unix Shell, Powershell, R, C

Other: Solidworks (CWSA), Photoshop, Audacity, Oscilloscope

Language: English (Conversational, Read, Write), Vietnamese(Conversational), Mandarin(Read, Write)

