

DAVID ENDERS

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EDUCATION

Claremont McKenna College, Claremont, CA

May 2024

Bachelor of Arts in Computer Science (Off-Campus Major at Harvey Mudd College)

- **Relevant Coursework:** Algorithms, Neural Networks, Advanced Data Structures, Computer Systems, Statistics, Programming Languages
- GPA 3.82

EXPERIENCE

Kargo, San Francisco, CA

July 2024 – Present

Software Engineer Level 1 (Edge computing)

- Redesign and overhaul of end-to-end edge software and configuration deployment infrastructure leading to 4x release frequency and increased stability
- Delivered proprietary camera server to enable widened scope for edge compute, reduce hardware costs
- Assume de facto software lead role for forklift camera product (new product in prototyping phase)
- Clean up technical debt and enable engineering team through improved internal tools and CI/CD pipeline

Factor Programming Language, Claremont, CA

Aug 2023 – May 2024

Open Source Contributor, Team Lead

- Rebuilt native arm64 compiler support for the Factor Programming Language with a team of four fellow students as a part of the Harvey Mudd Clinic Program
- Led the team for the second half of the program, coordinating with faculty advisors and liaisons

Samba TV, San Francisco, CA

May 2023 – Aug 2023

Software Engineering Intern

- Led ideation, design and implementation of a full-stack, AI-powered internal product for CEO
- Self-taught and integrated various AWS services, third-party APIs, and new languages and frameworks, including JavaScript and React
- Set up and maintained multi-environment CI/CD pipeline with automated unit testing
- 100% project completion adhering to original product requirements

Xos Trucks, Glendale, CA

Jan 2023 – Apr 2023

Software Engineering Intern

- Develop, test and provision OS for telematics device on battery-electric stepvans (C++, Yocto)
- Collaborate with frontend team to implement truck's wifi connectivity capabilities
- Develop service tool for truck diagnostics and software updates (Python)
- Cross-test software updates for various ECUs using FOTA and service tool updates

Harvey Mudd Makerspace, Claremont, CA

Aug 2022 – May 2024

Makerspace Steward

- Master techniques and machines including soldering, welding, 3D printing, laser cutting, sewing, embroidery
- Manage inventory, repair machines, teach users and run workshops

Roberts Environmental Center, Claremont, CA

Aug 2021 – Dec 2022

Analyst

- Green Consulting Team: performed renewable energy industry research and recommendations for Sandbrook Capital VS, presented environmental education research for NatureBridge
- Natural Sciences Team: restarted Baldy Stream study, sampled and analyzed water quality
- Organized and facilitated Green Careers Conference, added 10 speakers to conference agenda

SKILLS AND INTERESTS

- **Skills:** Python, C++, Linux shell scripting, React JS, basic AWS services, git, Java (basic)
- **Spoken Languages:** German (native), Spanish (advanced)
- **Independent Projects:** Gmail Automation Tool (drafts AI-generated emails based on past interactions), ML research predicting California seasonal rainfall, Ski Bus Build (fundraised for, purchased and renovated an old school bus for use as a ski bus), Wordle game (implemented in pygame, rebuilt gameplay and a solver bot)