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 2023 – Present**
Software Engineering Intern (Edge computing)
- Owned and executed development of production-dependent tooling and internal functionality such as LED overrides, edge image upload requests, CV model conversion
- Implemented deployment framework for software and configuration updates for all production towers
- Collaborate with data, frontend, and computer vision teams

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 – Present**
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

Claremont Colleges Ski & Board Club, Claremont, CA   **Apr 2021 – Dec 2022**
President
- Manage team of 10 executive board members, budget of $30,000+ in annual funding, coordinate trips for 500+ active participants
- Creator of 5cski.org, increased Instagram account engagement by 4,000% and followers by 11%

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)