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# Bailey Wickham

Cal Poly, San Luis Obispo, CA

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## EDUCATION

**Cal Poly, San Luis Obispo CA** - *Sophomore*

SEPTEMBER 2018 - JUNE 2022 (hopefully) - 3.4 GPA

- **Majoring** in Software Engineering and Mathematics (Pure focus)
- **Minoring** in Chinese

## EXPERIENCE

**PolySat CubeSat Lab, Cal Poly CA** - *Mission Lead, Software Engineer*

SEPTEMBER 2018 - PRESENT

- Managed Exocube II mission, led a team of ~20 to design, build, and deliver satellite. Worked with NASA Goddard, TriSept to organize mission and launch
- Kernel/Embedded (C) programming, Go, serial protocol, python services
- Extended failure analysis, hardware and software debugging, Procedure creation

**Cascade Custom Software, Portland OR** - *Software Engineer*

SUMMER 2017, 2018

- Developed full stack application for third party
- Merged and Moved data warehouse (2tb production server)
- Used Typescript, Angular, Vue.js, SQL Server to develop in-house data analysis website

**Melloh** - *Founder*

DECEMBER 2016 - SPRING 2019

- Create and host websites for individual businesses. Worked with clients to keep sites up to date and create unique content
- Used Python, Django, Apache/Nginx, PHP/Wordpress, MySQL, Linux

**Samtec, Wilsonville OR** - *Cable Technician*

JUNE 2017 - SEPTEMBER 2018

- Fixed physical and technical problems in production. Worked with engineers to troubleshoot problems.

## TECHNICAL SKILLS

Networking, TCP/UDP/IP, QUIC Full stack development, Websockets, git, bash, SQL Containerization (Docker), Web/proxy Servers, working with teams/people, learning, Latex