



CHRIS LAWSON

SOFTWARE DEV ENGINEER

COMPUTER SCIENCE, B.S.



<https://chrislawson.dev/>



contact@chrislawson.dev

Programming Environments

- C++
- C#
- Java
- Python
- TypeScript
- Arduino C
- Kotlin
- Racket
- HTML/CSS
- Bash/Shell
- REST API
- GCode
- Verilog
- RISC-V ASM

Software Skills

- AWS
- Angular
- React
- CAD
- Git
- VMware
- Docker
- TrueNAS
- CI/CD
- Word
- Excel
- Confluence
- JIRA
- Agile
- Slack
- Splunk
- Firebase
- Cloudflare



EDUCATION

California Polytechnic State University (Cal Poly), San Luis Obispo, CA

<https://csc.calpoly.edu/>

SEPTEMBER 2020 - DECEMBER 2024

- Computer Science, B.S., 5x Dean's List
- SysAdmin for the Cal Poly Amateur Radio Club



WORK EXPERIENCE

Amazon (Digital Marketplace Payment Reporting)

<https://www.amazon.jobs/en/location/san-luis-obispo-california>

Designed and developed a rebrandable multi-tenant invoicing website for vendors on Prime Video, Amazon Music, Kindle Direct Publishing, Amazon Merch, and more

Software Development Engineer I: SEPTEMBER 2024 - PRESENT

- Designed and launched a scalable microservice backend pattern on 5+ high-availability services

Jr. Software Developer: DECEMBER 2021 - JUNE 2024

- Full-stack production development in Java/Angular/React
- Created an AWS Lambda to email 100s of vendors for their pending invoices

GreenSight Tech - Co-founder & Engineering Lead

<https://www.greensighttech.com/>

JANUARY 2024 - SEPTEMBER 2024

- Architected an AI-driven multi-tenant ERP for electronics recyclers and resellers
- Delivered a production-ready beta for 3 businesses

Cal Poly ITS - Service Desk Lead

<https://tech.calpoly.edu/>

MARCH 2021 - DECEMBER 2021

- IT and Customer Service lead for campus-wide virtual and in-person technical support
- Managed and interviewed student assistants
- Primary contact in service incidents, coordinated on Slack, Confluence, and JIRA

Wilson Creek Communications - Network Engineering Intern

<https://www.wilson-creek.net/>

JULY 2019 - SEPTEMBER 2020

- Performed Access Point (AP) maintenance on 20+ sites
- Individually engaged in face-to-face customer technical support and installations
- Migrated backend infrastructure to 4 servers using VMware ESXi with 10+ VMs
- Real-time mapping of AP locations using Python and Google Earth



CERTIFICATE & AWARD

- Amazon GAAM Website Accessibility Award
- CompTIA A+ and Network+
- FCC General Class Amateur Radio Operator
- Red Cross First Aid & CPR Certified



VOLUNTEER & COMMUNITY

FIRST Robotics Competition: Team 973

<https://www.greybots.com/>

Mentor: JUNE 2022 - APRIL 2023

- Java programming mentor for High School robotics students

Student Programmer: OCTOBER 2016 - JUNE 2020

- Designed 2-time world champion robot code with C++
- Created a custom robot dashboard using Python and JavaScript
- Implemented a student punch clock using JavaScript, Google Sheets, and Firebase

Learning Among the Oaks - Ambassador / Wildlife Camera Operator

<https://learningamongtheoaks.org/>

JANUARY 2013 - SEPTEMBER 2020

- Started in 5th Grade as a trail guide for elementary students
- Post-elementary, created detailed GPS map for managing wildlife camera locations