CHRIS LAWSON

COMPUTER ENGINEER
CAL POLY UNDERGRAD

https://chrislawson.dev/

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Programming Frameworks

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

Software Skills

- AWS
- Angular
- WordPress
- Jekyll
- CAD
- Git
- VMware
- XenCenter
- Docker
- TrueNAS
- CI/CD
- Word
- Excel
- Confluence
- JIRA
- Trello
- Slack
- Splunk
- Firebase
- Cloudflare

EDUCATION

California Polytechnic State University (Cal Poly), San Luis Obispo, CA
https://csc.calpoly.edu/
SEPTEMBER 2020 - PRESENT
- Computer Science, B.S.
- Expected Graduation: June 2024
- 2x Deans List
- Officer for the Cal Poly Amateur Radio Club

WORK EXPERIENCE

Amazon SLO - Jr. Software Developer
https://www.amazon.jobs/en/location/san-luis-obispo-california
DECEMBER 2021 - PRESENT
- Developing a payment reporting website for vendors on digital marketplaces
- Full-stack Java/Angular/React development for production software
- Created an AWS Lambda to notify 100+ vendors for pending invoices

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
- Used ITS-wide Slack, Confluence, and JIRA to help customers
- Represented the Service Desk in campus service outages/incidents

Wilson Creek Communications - Network Engineering Intern
https://www.wilson-creek.net/
JULY 2019 - SEPTEMBER 2020
- Performed Access Point maintenance on over 20 sites
- Individually engaged in face-to-face customer technical support and installations
- Managed backend infrastructure on 4 servers using VMware ESXi with 10+ VMs
- Created an Python script for mapping access point locations on Google Earth

FIRST Robotics Competition: Team 973 - Programmer
https://www.greybots.com/
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
- Used team-wide Slack communication

CERTIFICATE & AWARD

- Amazon GAAM Website Accessibility Award
- CompTIA A+ and Network+
- Google IT Automation with Python Certification
- LinkedIn IT Service Desk: Customer Service Fundamentals Course
- FCC General Class Amateur Radio Operator
- Red Cross First Aid & CPR Certified

VOLUNTEER & COMMUNITY

FIRST Robotics Competition: Team 973 - Mentor
https://www.greybots.com/
JUNE 2022 - APRIL 2023
- Java programming mentor for High School robotics students

Learning Among the Oaks - Ambassador / Wildlife Camera Operator
https://learningamongtheoaks.org/
JANUARY 2013 - SEPTEMBER 2020
- Started in 5th Grade as a trail guide for other classes and schools
- Post-elementary, created detailed GPS map for managing wildlife camera locations
- Maintained wildlife camera sites