

# Artin Davari

650-471-3435 | [davari@calpoly.edu](mailto:davari@calpoly.edu) | [linkedin.com/in/artin-davari](https://linkedin.com/in/artin-davari) | [github.com/Arctic1ce](https://github.com/Arctic1ce)

## EDUCATION

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### California Polytechnic State University

*Bachelor of Science in Computer Science, GPA: 3.77*

San Luis Obispo, CA

*Sept. 2021 – June 2025*

### Honors

*Dean's List (7 quarters), President's List (2 years)*

### Relevant Coursework

*System Security, Compiler Security, Cryptography, Operating Systems, Computer Architecture, Programming Languages, Artificial Intelligence, Software Engineering, Databases*

## EXPERIENCE

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### REU-funded Summer Internship

*Oregon Network Research Group, University of Oregon*

June 2024 – Sept. 2024

*Remote*

- Worked with graduate students on the IRIS network collection project
- Developed an application to visualize network data collected in real-time
- Used Plotly and multiprocessing Python libraries

### Software Engineering Intern

*Nebulon*

June 2023 – Aug. 2023

*Fremont, CA*

- Cloud computing solutions, acquired by Nvidia
- Developed an internal application to automate the process of finding CVE cybersecurity vulnerabilities within imported packages in company repositories
- Created an application using Go to test different logging packages and determine optimal package efficiency

### Software Engineering Intern

*CDK Global*

June 2022 – Aug. 2022

*San Jose, CA*

- Developed a dashboard to automate the process of adding, removing, editing, and looking up data entries in a Stash (GitHub) repository
- Developed a customer relational database, built a user-friendly dashboard to display its contents, which allowed for filtering, adding, and editing data entries
- Used React for the front-end user interface
- Used PHP to create APIs in order to execute database queries and format data
- Designed and constructed relational databases in PostgreSQL

### Intern

*Equal Opportunities Technology*

June 2019 – June 2020

*Los Altos, CA*

- Refurbished old computers for underprivileged children for educational purposes
- Evaluated optimal Linux based operating systems on older Macs

## PROJECTS

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### To-Do List Manager | *React, Node.js, JavaScript, MongoDB*

June 2020 – Present

- Developed and deployed a full-stack application on Azure which allows users to create and manage to-do lists and tasks to keep track of items to complete
- Used Node.js and React to implement the front-end of the application, and used JavaScript for the backend API and hosted database on MongoDB Cloud

## TECHNICAL SKILLS

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**Languages:** Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS, Rust, PHP, Go, Assembly

**Frameworks:** React, Node.js, Material-UI, RestAPI

**Developer Tools:** Git, Docker, TravisCI, Jira, Stash, VSCode