

Artin Davari

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EDUCATION

California Polytechnic State University

Bachelor of Science in Computer Science, GPA: 3.75

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

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

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

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