

# Derick Phan

derickphan.netlify.app

dericktphan@gmail.com

408-904-8488

## SKILLS

---

- Programming Languages: C++/C, Java, Python, Golang, HTML/CSS, Javascript, Bash
- Frameworks and Libraries: JQuery, Node.js, React, SQL(PostgreSQL), Express, Redux, QT
- Tools and Platforms: Git, AWS, Microsoft Azure, Google Cloud, Docker, Kubernetes, Vim, Linux, Unix

## EXPERIENCE

---

### FICO | Software Engineer II, Server/Cloud

San Jose, CA

IAM Team - Java, SQL, Amazon AWS, Microsoft Azure

Nov 2022 – Present

- Initiated and immortalized team internal knowledge wiki using Confluence
- Developed on Mutual TLS receiving spot award for proficient development and communication

### FICO | Software Engineer I, Server/Cloud

San Jose, CA

IAM Team - Java, SQL, Amazon AWS, Google Cloud, Microsoft Azure

Dec 2021 – Nov 2022

- Implemented servlets and sample components to automate platform services testing for QA team
- Resolved fix and automation tests for Mutual TLS with end-to-end testing
- Increased IAM platform overall code coverage through unit tests to over 75% using Jmeter and SonarQube
- Led SCIM identity management integration using Microsoft Azure Active Directory

### FICO | Software Engineer I, Server/Cloud

San Jose, CA

Blaze Team - Java, SQL/noSQL, Amazon AWS, Kubernetes

Jun 2021 – Dec 2021

- Pioneered SQL integration to improve platform capabilities and database performance by 23%
- Upgraded dependencies to address platform vulnerabilities and prepare for migration to micro-services

### ASUCD Pantry | Lead Software Engineer

Remote

Web App Team - Salesforce, Java, Javascript, SQL

Jun 2020 – Jun 2021

- Spearheaded system to improve and automate inventory input eliminating time spent managing inventory
- Integrated DocParser API with JQuery using concurrency, resulting in a parse time reduction of 500%
- Developed online ordering system and reduced customer wait time by 2850%
- Designed CI/CD pipeline and transitioned team to automated testing using SalesforceDX and Selenium
- Improved technical debt and pushed unit test coverage over 93%

### LinkedNet | Freelance Software Engineer

Remote

Data Analytics - Python

Mar 2021 – Apr 2021

- Automated data analytics and visualizations in Python with Pandas using sequence-based algorithms
- Performed unit tests and quality assurance with test-driven development using Pytest for 100% coverage

## PROJECTS

---

### Book Log Web App - React, Golang, PostgreSQL

Sep 2021 - Feb 2022

- Added authentication with JWT OAuth tokens
- Improved search algorithm efficiency and accuracy using PostgreSQL and Google Books API

### Data Analysis Web App - Javascript, Python, React, Flask, AWS

Sep 2020 - Dec 2020

- Designed data dashboard and overhauled UI/UX by creating charts with VisX
- Webscraped 208 Apache project info/commits from Github to JSON using BeautifulSoup and Github API
- Optimized frontend to backend integration with data conversion and doubled speed of information retrieval

## EDUCATION

---

### University of California, Davis

Davis, CA

BS in Computer Science, emphasis in Software Engineering

Sep 2017 - Dec 2020