

Jason Alaya

657-271-7582 malaya@uci.edu



malaya7

EDUCATION

University of California, Irvine

Irvine, CA

M.S. in Computer Science

Expected June 2022

B.S. in Computer Science

June 2020

SKILLS

Languages: JavaScript, Python, Go, C, Java

Full Stack: Git, HTML, CSS, Flask, Node.js, React, MySQL, MongoDB, DynamoDB

Other: Linux, Nagios, Docker, Kafka, Postman, AWS Lambda, AWS Elasticsearch

PROFESSIONAL EXPERIENCE

CalAmp

Irvine, CA

Software Engineer, Intern

May 2020 – Present

- Implemented GraphQL API in a schema first approach
- Solved API Gateway timeout by using parallel calls in node.js
- Proficiency in serverless framework and provisioning cloud resources
- Extensive use of BitBucket and Jira to facilitate an organized workflow including code reviews

Software Engineer, Intern

Jun 2019 – May 2020

- Built an internal tool, a 360° review app, currently utilized by 800+ employees in the US, Mexico, and the UK
- Hosted web server on an EC2 instance with Nginx as a reverse proxy
- Completed client-side using react-admin, and Okta for users authentication
- Integrated with AWS Comprehend for sentiment analysis

University of California, Irvine

Irvine, CA

Graduate Teaching Assistant

Sept 2020 – Present

- Helped students with coding, debugging, and design skills
- Provided support to faculty members and got involved with various teaching-related duties
- Automated grading process by writing several grading scripts

Linux SysAdmin

Jan 2019 – Dec 2019

- Managed and provisioned 1000+ nodes to support instruction and faculty research
- Daily usage of admin tools Puppet, Nagios, PXE, dig, KVM, Vagrant, Docker, LDAP, PSSH
- Migrated Puppet 4 to Puppet 6

Project Raise, CSU Fullerton

Fullerton, CA

Research Intern

Jun 2017 – Aug 2017

- Analyzed DOS threats on a software-defined network (SDN) and discussed mitigation strategies
- Built a virtual SDN using FloodLight controller and Mininet a network emulator

Golden West College

Huntington Beach, CA

Math Tutor

Sept 2016 – May 2018

- encouraged students' to ask questions, and develop an interest in the subject matter
- Conducted groups (4-5 students) and individual tutoring sessions

PROJECTS

AntAlmanac.com, Web App

- Extensive use of react and material-ui for creating UI components
- Wrote a python script to scrape enrollment data and store it in MongoDB
- Organized in-person and online meetings to measure team progress

TravelAid, Desktop App

- Used scene builder for JavaFx to design user interfaces.
- Populated and queried database by utilizing JDBC API to connect to SQLite

EXTRACURRICULARS:

- C++ Certification (OCC), Cybersecurity Fundamentals (Udemy).
- UCI Swimming Club | UCI Dragon Boat.