

EDUCATION

Bachelor of Science: Computer Engineering, California State University, Sacramento (2021)

Associate in Science: Computer Science, Folsom Lake College, Folsom, (2019)

TECHNICAL SKILLS

Programming Languages : HTML, CSS, JavaScript, TypeScript, PHP, Python, Java, C/C++, Bash, SQL, Matlab.

UI Frameworks: Bootstrap, Material UI, Semantic UI, Vuetify, Figma.

Libraries/Frameworks: React, ReactNative, Vue, NextJS, Express, Laravel, SpringBoot, Plone, JQuery, Git.

Cloud: AWS (EC2, Lambda, API Gateway, S3, EBS, Images, Volumes, IAM, CloudFront, Amplify) GCP (Hosting, Auth, Storage)

EXPERIENCE

Doxcelerate Corp. Remote, USA.

Full Stack Software Developer

April 2021 – Present

- Work closely with clients to meet project requirements, goals, and desired functionality.
- Lead team of software engineers to migrate 3 DOE websites that use Plone CMS from Python version 2 to 3.9, requiring a rewrite of custom plugins that controls many features on the sites.
- Took the initiative to define, build, test, and deploy a search engine that allows the users to search data across multiple platforms. Engine is backed by Apache Solr, Facet, RESTful API, with React Framework & Material UI as frontend.
- Design, install, and maintain, development environments using a variety of AWS development services (IAM, ec2, s3, databases, gateway APIs, CodeBuild, CodeCommit, backups, etc).

INTEL CORP (KELLY). Folsom, CA.

Validation Engineer Mid-Level

January 2021 – April 2021

- Design system validation environments and test suites for the Power Management and Thermal laboratory unit.
- Develop automated scripts using low-level python modules/libraries that are capable of manipulating the state of a CPU registers to examine, log, and generate test reports.
- Coordinate with other teams to execute stress-test suites under preset quality standards.

CALTRANS (UEI). Sacramento, CA.

IT Intern - Software Development Team

May 2019 – January 2021

- Design, develop, and test software applications to help the Division of Construction transition from performing business in a paper driven system to an electronic document management or data gathering system.
- Lead team of three developers through the lifecycle of an ecosystem of software applications that digitize the workflow of the civil engineers for the division.
- Applications I led design are being used by many districts throughout California, and it is expected to increase work-efficiency by roughly 50% in respect to old methods.

GoSecure. Sacramento, CA.

IT Intern - DevOps Team

January 2019 – April 2019

- Assist with the installation, maintenance, and testing of new networks, infrastructure, and network monitoring systems.
- Develop automated procedures to monitor network traffic for suspicious behaviors and log the associate parameters to be viewed by the security team.
- Design network traffic notifications systems to inform responsible parties based on defined security thresholds and/or key indicators.