



## PROFESSIONAL SUMMARY

*Vision-driven software engineer with a proven record of powering operational excellence using technology, data analysis and management paradigms to achieve maximum impacts for leading organizations. Detail-oriented professional with keen interpersonal, communication and organization skills, as well as software development, implementation, and design expertise. Demonstrated passion for Defense and Space.*

### CORE COMPETENCIES

- Savvy Problem-Solving Skills
- Full Stack Development and Implementation
- Software Data Analysis
- Natural Curiosity and Eagerness to Learn
- Big-Picture Thinking
- Business Intelligence
- Design and Testing
- Versatile, Fast-paced
- Technophile

## PROFESSIONAL EXPERIENCE

### SOFTWARE ENGINEER | RAYTHEON TECHNOLOGIES, COLLINS AEROSPACE, LOS ANGELES, CA, FEB. 2021 – PRESENT

- Software Lead on an application that will assess risk in future bids by foreseeing hinderances in implementations, leveraging prior builds.
- Ship software solutions (Ada, C++, Python) within Military Avionics and Helicopters, Tactical, Communication, and Maintenance Applications.
- Demonstrate leadership and facilitate career development by mentoring budding software engineers.
- Build automated testing scripts (unit, integration, system) in Python using a TDD framework.
- Participate in daily, agile sprints/daily scrum to efficiently meet critical deadlines with minimum resource expenditures.

### SOFTWARE ENGINEER, OPERATIONS | RUSH49 / TROLION APPS INC., EL SEGUNDO, CA, OCT. 2014 – FEB. 2021

- Engineered and launched a conversational Chatbot which draws upon a knowledge base and reliance factor to reply to users in real-time.
- Implemented front- and back-end features and processes that increased user traffic by 30 % using applied business intelligence; redesigned the customer account page to include features such as email subscription preferences, payment profile, contact support option.
- Decreased fraud by 50% by implementing fraud detection suite. Developed a live ticketing integration using Galaxy Connect API.
- Integrated live, timed ticketing with various partners utilizing Galaxy Connect API.

### BRANCH MANAGER, SENIOR TAX ANALYST | H&R BLOCK, CORONADO, CA, OCT. 2013 – OCT. 2014

- Fostered a collaborative and results-driven office culture using positive recognition, team initiatives, and mentorship.
- Consulted with clients to create a comprehensive tax plan for all situations and economic status.

## SKILLS

### PROGRAMMING/SCRIPTING LANGUAGES:

- Proficient** in C++, Java, Python, Ada, JavaScript, SQL
- Knowledgeable** in C, C#, HTML, CSS3, .NET
- Familiar** with GO, PHP, Ruby, Swift, TypeScript, GraphQL

### TECHNOLOGIES:

- Embedded Systems, RESTful APIs, MERN Stack
- Python** Django, TensorFlow, PyTorch, NumPy, Keras, Pandas
- Java** Spring, Hibernate, JUnit, Apache, JDBC
- JavaScript** React.js, Node.js, Express.js, Gatsby, jQuery

**TOOLS:** Systems Architecture, MongoDB, Express.js, React.js, Node.js (MERN Stack), Java Web Development, MySQL, Postgre SQL, Amazon Web Services(AWS), Heroku Cloud Services, GitHub, Continuous Integration, Microservices Architecture, Docker/Kubernetes, Maven/Atlassian, Bootstrap, Agile, UNIX, DOORS, PREP Peer Review, SVN Subversion, Version Control, SIL Testing, Object-Oriented Programming, NetBeans, Eclipse, Visual Studio Code, IntelliJ, Atom, MySQL, Xcode, ML applications, Neural Networks, Deep Learning, Git, JIRA, Jenkins

## EDUCATION AND CREDENTIALS

**BACHELOR OF SCIENCE (B.S.) IN COMPUTER SCIENCE**, AUGUST 2020 (GPA: 3.5/4.0) | CALIFORNIA STATE UNIVERSITY, DOMINGUEZ HILLS

**Relevant Coursework:** Analysis of Algorithms, Software Engineering, Data Structures, Programming Languages, Operating Systems

## RELEVANT PROJECT WORK

### SERVERLESS PORTFOLIO APPLICATION (AWS REST API) | [LIVE APPLICATION](#) | AWS: LAMBDA FUNCTIONS, API GATEWAY, DYNAMODB, S3, CLI

- Postman to aid in the API building process and automate testing of different HTTP methods against my REST API.

### CHATBOT, HOUSTON SPACE CENTER (PYTHON) | [GITHUB](#) | [DEMO](#) | FRAMEWORKS: TENSORFLOW, NATURAL LANGUAGE TOOLKIT, NUMPY

- Leveraged machine learning, deep learning & neural networks to relay responses based on a confidence factor.

**ADDITIONAL INFORMATION - LANGUAGES:** SPANISH; **INTERESTS:** TRAVELING, HIKING, SPACE EXPLORATION, (AIR-FRYER) CHEF, CHELSEA FC, TECHNOLOGY