Nicholas Correa

Software Engineer — Secret Clearance / Top Secret Clearance In progress

9614 Muller Street, Downey CA
(562) 299-4837
nrcorrea@uci.edu

Motivated Software Engineer with experience in coding, troubleshooting, and deploying applications for high-traffic environments. Demonstrates expertise in crafting and implementing software with a diverse set of technologies, leading to significant improvements in data processing and system functionality. Adept at diagnosing and resolving complex issues, aiming to leverage technical skills and a proactive approach to drive innovation and excellence in a dynamic team setting.

EXPERIENCE

Northrop Grumman, Azusa, CA — *Associate Software Engineer*

August 2023 - PRESENT

Creation and automation of tests to validate software functionality.

Explored problems, providing valuable insights to enhance software efficiency, and successfully resolved bugs.

Implemented multithreading and mutex management in embedded software, enhancing system efficiency and stability.

Northrop Grumman, Azusa, CA — *Intern, Software Engineer*

June 2022 - August 2023

Crafted analytical tools for in-depth test result examination and data extraction.

Developed a machine learning algorithm capable of interpreting log statements from executables, alerting testers to anomalies or discernable patterns within the data.

Code Ninjas, Fountain Valley, CA — *Center Director*

August 2020 - August 2021

Created curricula and instructed students in JavaScript and Python languages.

Managed day-to-day operations of teachers and fostered a conducive environment for success.

EDUCATION

University of California Irvine, Irvine, CA — *B.S. Software Engineering*

July 2021 - June 2023
GPA: 3.54

Cerritos College, Cerritos, CA — *Transfer Certificate*

June 2018 - June 2023
GPA: 3.86

PROJECTS

YourEdvisor — *Web Based Learning Management Center*

Led the end-to-end development of a responsive web application as a Full Stack Developer, utilizing a tech stack including React Native, JavaScript, HTML, SASS, Tomcat, MongoDB, and PostgreSQL. Spearheaded front-end and back-end integration, designed database schemas, and implemented RESTful APIs, ensuring optimal performance and user experience.

TECHNICAL SKILLS

C++/C

Python

HTML / CSS / JavaScript

Typescript / Node.js

Git / Bitbucket / Github

Linux Programming

Docker / Containers

Embedded Software

SOFT SKILLS

Teamwork / Cooperation

Communication Oriented

Adaptable

Flexible

Leadership

Time Management

LANGUAGES

Spanish - Intermediate

EXTRACURRICULAR ACTIVITIES AND AWARDS

Gen 2 Gen
Strategic Planning Chair
- Northrop Grumman Azusa

UCI CAMP Scholar
- 2021-2023