

Antonio Alvarez

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WORK EXPERIENCE

Software Engineer

Jan.2023 - Present

Peraton

Monterey, CA

- Led software development efforts within classified programs, specializing in Full Stack development with a focus on Java and SQL.
- Coordinated software architecture / design and fully documented applications using Model Based System Engineering tools.
- Achieved FOC (Final Operational Capability) with the completion of its final data migration, as recognized by the Technical Project Manager.

Building & Systems Engineer Supervisor

Apr. 2020 - Sep. 2022

UPS Distribution Hub

Fremont, CA

- Conducted troubleshooting of Main Control Panel, PLCs, I/O modules, communication systems, and relays.
- Diagnosed and resolved issues with automated equipment, including parcel singulators, Siemens matrix modules, Visicons, PLCs, and photo eyes.
- Collaborated with cross-functional teams to address complex technical challenges and optimize equipment functionality.
- Supervised a highly-skilled team of technicians to ensure efficient operation and maintenance of building and systems.

PROJECTS

Web Portfolio (Web Application)

Technologies: Html, CSS, Javascript, Bootstrap, Flexbox, Grid

- Developed a responsive web portfolio using HTML, CSS, and JavaScript with Bootstrap, FlexBox, and Grid showing casing a PhD student's research projects, publications, expertise, featuring interactive elements and ensuring seamless navigation for potential collaborators and employers.

OtterWeather (Android Application)

Technologies: Java, Android Studio, RecyclerView, AccuWeather APIs, Firebase Authentication, SpringBoot

- Created a dynamic Android app in Java, utilizing Android Studio, RecyclerView, AccuWeather APIs, Firebase Authentication, and SpringBoot. Empowering users to effortlessly check city weather and receive real-time updates.

Decaying Potato - Movie Review (Web Application)

Technologies: HTML, CSS, Node.js, ejs, MySQL, Bootstrap, IMdb API, Heroku (Cloud Application Platform)

- Engineered a robust movie review site with HTML, CSS, Node.js, ejs, MySQL, Bootstrap, IMDB API, and Heroku. Enables user registration, reviews, and admin functionalities, prioritizing engagement and responsive design.

TECHNICAL SKILLS

Security Clearance: DoD Secret (2023 - Current), CompTIA Security+

Languages: Java, C++, CSS, HTML, Javascript, Node.js, mySQL, Angular, React, SQL, Python

Tools: Android Studio, Git, Virtual Environments, Visual Studio Code, Object-oriented Programming (OOP), Springboot, Bootstrap, Oracle Database

EDUCATION

California State University, Monterey Bay

Dec. 2022

Bachelor of Science, Computer Science - *GPA 3.5*

Monterey, CA

Concentration: Software Engineering