JOHN ESCALONA

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PROFESSIONAL EXPERIENCE

Software Developer Analyst Associate, 2021
Mercury Insurance

- Suggested and effectively executed a design modification for a Mobile Application, utilizing Dependency Injection to allow addition of automated unit and widget tests. This resulted in a significant increase in code coverage from 0% to 50%, enhancing overall stability and code quality.

- Implemented an in-app feedback feature, empowering customers to provide comments and suggestions and enabling Business to respond effectively. This resulted in increased mobile app store reviews and improved overall app ratings.

- Successfully implemented low-code in-app walkthroughs and dynamic messages for customers, resulting in increased adoption of new features and enabling the business to make changes without requiring code changes.

- Successfully implemented a policy management feature in the mobile app, allowing customers to make changes to their policies seamlessly. This feature was implemented using WebView technology, ensuring a user-friendly experience for customers.

Structural Drafter, 2019-2020
Paul Rhorer Structural Engineers

AutoCAD Drafter, 2015-2019
Sedgwick/ EFI Global

PROJECTS

Algorithm Visualization Web-App
Visualization of fundamental algorithms such as Linear and Binary Search, Bubble, Merge & Quick Sort.

Truss Solver
Web application that calculates External and Internal Forces, Node Displacements and Stress for a Structural Truss formation based on node loads, then displays a projection of the resulting truss formation.

Weightlifting Routine Tracker
A mobile application that helps users manage and track their workout sessions, with timer, guided sets, and reps as well as session summary.

Card Collection Management Web-App
An Application to keep track of a player's card collection. Implemented Front-End CRUD operations.

EDUCATION

California State Polytechnic University - Pomona, CA, 2018-2020
B.S. Computer Science
Cumulative GPA: 3.70, Magna Cum Laude

Cerritos College - Norwalk, CA, 2015-2018
Computer Science Transfer Program
Cumulative GPA: 3.78

SKILLS

- **Flutter/Dart**, **JavaScript/React/Angular**, Git, Agile, HTML, CSS, AutoCad
- Tailwind, Bootstrap, Java/Spring Boot, Python, C++, C#, NoSQL, SQL, NodeJS, JavaScript/ Angular, SASS, Material UI, ExpressJS