

JOHN ESCALONA

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PROFESSIONAL EXPERIENCE

Software Developer Analyst, 2023

Software Developer Analyst Associate, 2021-2022

Mercury Insurance

- Proposed 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 60%, enhancing overall stability and code quality.
- Implemented an in-app feedback request 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.
- Involved in implementing features and defect remediations, as well as day to day production support as needed for an Angular Application.

Structural Drafter, 2019-2020

Paul Rhorer Structural Engineers

PROJECTS

[Algorithm Visualization](#)

A client-side web application to visualize fundamental sorting and searching 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. Implemented the front-end using React.

[lfti](#)

A cross-platform mobile application that helps users manage and track their workout sessions, with timer, guided sets, and reps as well as session summary. Currently only available for Android.

[The Shuffling](#)

A "Magic: The Gathering" Web application built using "The Gathering" API to virtually catalog Magic Cards. Implemented front-end UI as well as services for CRUD operations.

EDUCATION

California State Polytechnic University - Pomona, CA, 2018-2020

B.S. Computer Science

Cerritos College - Norwalk, CA, 2015-2018

Computer Science Transfer Program

SKILLS

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