JOHN ESCALONA

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PROFESSIONAL EXPERIENCE

2021 - Present   **Software Developer Analyst Associate** | Mercury Insurance
- Initiated adding automated unit tests to increase code coverage from 0% to 45%, for Customer-facing Mobile App to improve its stability, as well as proposed application design to allow for easier development of unit tests as well as overall maintainability of the application.
- Successfully implemented feature to provide the ability to provide in-app feedback that increased mobile app store reviews as well as overall app ratings.
- Successfully implemented in-app walkthroughs to increase adoption of new features and dynamic messages to customers allowing business to make changes without code changes.
- Successfully integrated mobile app enhancement to allow customers to make changes to their policies using webview technology.

2019 - 2020   **Structural Drafter** | Paul Rhorer Structural Engineers

2015 - 2019   **AutoCAD Drafter** | Sedgwick/ EFI Global

PROJECTS

- **Algorithm Visualization Web-App** - Visualization of fundamental algorithms such as Linear and Binary Search, Bubble, Merge & Quick Sort. jrescalona96.github.io/algovisualizations

- **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. jrescalona96.github.io/truss-solver

- **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. wakay96.github.io/lfti

- **Card Collection Management Web-App** - An Application to keep track of a player's card collection. Implemented Front-End CRUD operations. www.youtube.com/watch?v=Tv1DGACwy1U&feature=youtu.be

EDUCATION

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

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

SKILLS

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