

Ryan Gonzalez

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Skills

- **Programming Languages:** C++, Java, JavaScript, HTML, CSS, XML, Oracle SQL, Python
- **Frameworks:** Bootstrap 4, Vue.js 1.0, React, Spring, Mockito, Junit, Apache Ant, Maven, Vaadin 8, Ranorex
- **API Testing:** SoapUI, Postman
- **Version Control:** Git, SVN

Work Experience

SOFTWARE ENGINEER | J.P. MORGAN CHASE & CO.

JULY 2018 – CURRENT

- Created a web tool to automate the onboarding process for new users to the Dealworks application. Used Javascript and React with the J.P Morgan UI toolkit for frontend logic / user interface. Backend logic written in Java with Spring Boot for dependency control and Hibernate for Java to SQL mapping / query execution.
- Enhanced and modernized portion of a monolithic legacy application. Spearheaded migration from Vaadin to React for core components. Managed application state through the use of Redux.
- Created REST API utilizing semantically correct HTTP verbs (e.g., GET and POST) to perform CRUD operations and perform multi-part file uploads supporting domain-critical operations.
- Utilized Postman to create automated regression tests for the GET and POST operations aforementioned.
- Provided production support for critical applications. Tasks included: Live debugging of production issues, test application environment creation via bash scripts, writing and executing SQL scripts required to pull data utilized during audit reports, and managing user access.
- Consistently wrote/rewrote portions of the services code within the legacy application to follow better coding standards and to mitigate bugs as they were introduced from newly requested features.
- Followed agile methodologies, participated in scrum updates as well as sprint retrospectives and provided thorough feedback on code changes needed in pull requests when asked to review them.

SOFTWARE DEVELOPER INTERN | HEAVY CONSTRUCTION SYSTEMS SPECIALISTS

JUNE 2017 – AUGUST 2017

- Created automated test scripts using Ranorex to provide test coverage for the installation, login, usability, and redirect features within HCSS's proprietary desktop application.
- Used Vue.js and various Javascript libraries (moment.js, lodash.js, c3.js, mapbox.js, leaflet.js) to build dashboards exposing geolocation data, reactive search, and graphical data features used throughout the company. Data was stored/retrieved from a MySQL database using the Microsoft Entity Framework.

Projects

SECRET ROLE ASSIGNER | REACT NATIVE

AUGUST 2020 – CURRENT

- iOS app designed to automatically assign secret roles and send them as individual messages to different contacts. Mitigates being able to "tell" what role you've been assigned based on an imperfection on the envelope for the game "Secret Sith".

RESTAURANT SELECTOR | REACT

JULY 2020 – CURRENT

- Web application designed to let you filter restaurants based on type of food and automatically pick a place for you to eat. Focused on aesthetic and efficient UI/UX design.

CATAN BOARD GENERATOR | JAVASCRIPT - HTML - CSS

JANUARY 2020 – MAY 2020

- Web-app built within the Bootstrap 4 framework with emphasis applied to mobile friendly user experience.
- Generates balanced board combinations for both 1-4 player and 5-6 player expansion boards to allow faster game start times.

Education

BACHELOR OF SCIENCE IN COMPUTER SCIENCE | UNIVERSITY OF HOUSTON

SPRING 2018