Christian Herrera

**(818) 818-2279 |** [**chrisherrera10@hotmail.com**](mailto:chrisherrera10@hotmail.com)

**EDUCATION AND SKILLS**

**Bachelor of Science in Computer Science** Graduation: **May 2020**

California State University, Long Beach GPA **3.02**

**Languages and Frameworks**: Python, Java, JavaScript. SQL, HTML, CSS, Django, Spring, React, Bootstrap.

**Other**: Android Studio, Eclipse, Jenkins, Maven, Docker, Linux, GitHub, Jira, Postgres, MySQL, MongoDB.

**PROFESSIONAL EXPERIENCE**

**Jr. Software Developer – Mercury Insurance Group** **June 2021 - Present**

* Contributed to development of main application (DMP) through mapping policy information of different lines of business used by third party system to evaluate various business rules.
* Supported development of different projects by creating and deploying jar and artifact files onto QA environments for testing and troubleshooted defects early before monthly releases.
* Owned entire development life cycle of internal tool application used by 30+ QA and business individuals to carry out test analysis and troubleshoot defects in QA and production environments using Django.
* Enhanced internal tool batch process by consolidating results information into one screen that reduced regression test analysis to detect defects during QA phase.

**Software Engineer Intern - Vance and Hines July 2019 - November 2019**

* Enhanced company testing tools to monitor live feedback from motorcycles telemetry data through GUI applications, as well as integrated BLE Bluetooth technology for next generation device prototype using Python.
* Developed different Python scripts to create and send patches to customers to fix issues with their motorcycles.
* Manually tested UI components of mobile application for quality assurance in different phases of application and collaborated with developers to identify and address sources of failures.
* Collaborated with the development team by participating in weekly sprints and daily scrum meetings to discuss tasks, priorities, and issues with development.
* Validated and troubleshooted data transmission throughout system components and identified sources of failures

**PROJECTS**

**Spotily (React, Spring)**   **June 2020 – July 2020**

* Designed and implemented a web app used to browse and play music from Spotify while accessing song lyrics.
* Developed application using standards like React JS and Redux as a state content management system.
* Created a login flow using Spotify authentication mechanism using JSON Web Token to interact with Spotify API.
* Build a web scrapper to extract song lyrics from the web persisted lyrics onto a Postgres database for future use.
* Implemented unit testing for majority of components using Jest Testing Framework

**La Villa Restaurant App (Android)                         January 2020 -May 2020**

* Took part of the full development cycle including design, development, and deployment phases while managing a group of developers during senior project.
* Used different android components (Activities, Fragments, Adapters, List Views) to build various uses cases.
* Hooked up application to communicate with Firebase database to store customer and order information.
* Facilitated live UI updates using LiveData objects to get updates about in progress orders.

**ORGANIZATIONS**

**Science Extravaganza Chair (MAES) September 2017 - March 2018**

* Coordinated with 40+ volunteers to organize a STEM event hosting 300 middle school students on campus.
* Developed and managed budget; raised $5,000+ through fundraising and sponsorship efforts.
* Facilitated weekly meetings to discuss strategic planning an in collaboration with the team discover new approaches