

Joseph Orlando

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EDUCATION

- **Western Governors University** Orlando, FL
Bachelor of Science in Software Development Degree Conferred March. 2020
- **Daytona State College** Daytona Beach, Florida
Associate of Arts; GPA: 4.00 Degree Conferred Dec. 2018

PROGRAMMING SKILLS

- **Languages:** Java, C, SQL, Javascript, HTML/CSS
- **Technologies:** Git, GCP, Agile, Android Studio, IntelliJ, DialogFlow, Node.js, Heroku, Data Structures & Algorithms

PROJECTS

- **Garage Availability Checker App** March 2020
Android Application
 - An Android Application built using Java, Kotlin, JavaScript, Android Studio and Google's DialogFlow.
 - Allows students to request and receive the current parking spot availability at the University of Central Florida hands-free as well as the ability to generate line-charts showing the average availability per week.
 - Allows unique user sessions through the implementation of Google Sign-in functionality.
- **Fetch (HatterHacks 2019 IoT Category Winner)** HatterHacks 2019
Energy Efficient IoT Location Service April 2019
 - Desktop application built using C, Node.js and Particle.io hardware deployed via Google Cloud Platform.
 - Uses Wi-Fi as a short-range radio for coarse location finding of IoT hardware.
- **Code Talker** HackABull 2019
Light-based Radio-Silent Communications March 2019
 - An Android application built using Java, JUnit, Android Studio, and OpenCV computer vision library.
 - Encodes messages as a series of binary flashes using the flashlight of one Android device to the camera of another device allowing users to transmit messages without the use of traditional mobile/Wi-Fi networks.
- **Desktop Scheduling Application**
 - Desktop application built using Java, JavaFX, Scene Builder, and a MySQL database.
 - Allows multiple users to add, edit, and delete customer information as well as schedule appointments specific to their user session.
 - Created a MySQL database to store user, customer, and appointment information.
- **Desktop Inventory System**
 - Desktop application built using Java, JavaFX, and Scene Builder.
 - An inventory application that allows users to add, modify, and delete products that have been generated from user created parts.