Joseph Orlando

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EDUCATION

- **Western Governors University** — Remote; Orlando, FL
  Master of Science in Data Analytics — *August 2020 - December 2021*

- **Western Governors University** — Remote; Orlando, FL
  Bachelor of Science in Software Development — *Conferred March 2020*

- **Daytona State College** — Daytona Beach, Florida
  Associate of Arts; GPA: 4.00 — *Conferred December 2018*

PROGRAMMING SKILLS

- **Languages**: Kotlin/Java, Python, C++, SQL, Javascript, HTML/CSS

- **Technologies**: Git, Gradle, Firebase, GCP, Agile, Android Studio, IntelliJ, DialogFlow, Node.js, Heroku, Data Structures & Algorithms

EXPERIENCE

- **Innovation Software Engineer Intern** — Remote; Orlando, FL
  Plexsys Interface Products — *July 2020 - September 2020*
  - Responsible for researching, designing, implementing and documenting software for innovation projects through rapid experimentation and implementation.
  - Developed a keyword analysis tool that sped up contract opportunity retrieval and review by 93%.
  - Designed and implemented a tool that allows for detailed tracking and analysis of users' interactions within Plexsys software.

PROJECTS

- **JPMorgan Chase Software Engineering Virtual Experience**
  InsideSherpa — *May 2020*
  - Used Perspective to generate a live graph that displays the data feed in a clear and visually appealing way for traders to monitor their trading strategy.

- **Grocery Link**
  Shared Shopping List Android Application — *Ongoing Development*
  - An Android Application built using Kotlin, Java, Gradle, Firebase, Android Studio, and JUnit.
  - Allows family members to automatically sync up their shopping lists so changes instantaneously notify other members in a sleek and simple to use way.

- **Garage Availability Checker App**
  Android Application — *March 2020*
  - An Android Application built using Java, Kotlin, Gradle, 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.

- **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.