Makenson Noel

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Portfolio | GitHub | LinkedIn

EDUCATION

Bachelor of Science in Computer Science   August 2021
Florida Atlantic University   Boca Raton, FL
GPA: 3.0/4.0

SKILLS

C++, Python, Java, JavaScript, HTML, CSS, MySQL, Firebase, Bootstrap, Communication, Adaptability, Creative, Accountability, Teamwork and Research.

EXPERIENCE

Software Engineer (Sponsored by FPL)   Jan 2021 - Aug 2021
NextEra Energy Resources
- Developed an application and inventory robot alongside 3 software engineers.
- Implemented an exception handling algorithm, docking algorithm, and dispatching algorithm.
- Utilized GitHub for version control of the application.
- Debugged the robot's application before deploying.
- Troubleshoot the robot's functionality to perform tasks.
- Technologies used: Python, C++, C and Nvidia Jetson Nano.

Food Runner   Dec 2016 - Aug 2021
Marriott Harbor Beach & Spa
- Served lunch and dinner to 100-200 customers per shift.
- Warmly greeted new and returning guests and developed relationships resulting in customer loyalty.
- Swiftly and successfully resolved conflict resulting in customer satisfaction.
- Maintained and enforced strict and up-to-date cleanliness as well as social distancing policies regarding the COVID-19 outbreak to ensure both employee safety and customer satisfaction.

PROJECTS

Motion Detection (2021): Designed and engineered a motion detection device with a Raspberry Pi to detect motion based on the location it is placed. Once motion was detected by the passive infrared sensor, the device would notify the user and capture live video through the Python application and Raspberry Pi camera. Programming Language used was Python.

Pyradise (2021): Developed a web-based application that provided access to Python programming tutorials ranging from beginning to advanced level topics. The application included interview preparation, full Python courses, a feedback and comment system. Utilized GitHub for version control and firebase to host and store user data. Programming languages used were Python, HTML, CSS, JavaScript, Bootstrap.

Locol (2021): Competed in Broward College's annual hackathon and developed a mobile application that compared prices of local and global grocery stores. The app provided discounted grocery prices for people of low income and was awarded "Best Presentation" out of 102 contestants and 17 teams. Programming Language used was C++.

LANGUAGES

Fluent in the written and oral communication of English and Haitian Creole.