github.com/MakensonNoel

Makenson Noel

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Objective: Adaptive outgoing developer, seeking a position as a Software Engineer.

EDUCATION

Bachelor of Science in Computer Science   **August 2021**
Florida Atlantic University   *Boca Raton, FL*

EXPERIENCE

Software Engineer (Sponsored by FPL)   January 2021 - August 2021
NextEra Energy Resources   *Juno Beach, FL*
- 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.
- Troubleshooted the robots functionality to perform tasks.
- *Technologies Used: Python, C++, C, Nvidia Jetson nano.*

PROJECTS

Motion Detection (*May 2021 - August 2021*)
Designed and developed 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.
- *Technologies used*: Raspberry Pi, Raspberry Pi Camera, Solderless breadboard, Passive Infrared Sensor, Python, LED diodes, Resistors, Breadboard jumper wires.

Pyradise (*August 2020 - December 2020*)
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.
- *Technologies used*: Python, HTML, CSS, JavaScript, Bootstrap, GitHub and Firebase.

Covid-19 Mobile Application (*January 2020 - May 2020*)
Designed and created a mobile application that gave users access to information about Covid-19. The application displayed stats, graphs and latest news.
- *Technologies used*: HTML, CSS, JavaScript, Apache Cordova and Bootstrap.

Locol (*October 2018*)
Competed in Broward College's 3rd annual hackathon and developed a mobile application that compared prices of local and global grocery stores as well as provided discounted groceries for people of low income and was awarded "Best Presentation" out of 102 contestants and 17 teams.
- *Technologies used*: C++.

Portfolio Website: makenson.com (*For additional projects*).

SKILLS

Programming: Python, C++, JavaScript, Java, HTML, CSS, MySQL, Firebase, Bootstrap, ReactJS.
Soft Skills: Communication, Adaptability, Open-mindness, Creative, Accountability, Teamwork.