**Lucknell Madestin**

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**EDUCATION**

Florida International University **Fall 2018**

*Bachelor of Science: Computer Engineering* **Miami, FL**

**PROFESSIONAL EXPERIENCE**

**Barnes and Noble Nov. 2013 – Jun. 2017**

*Sales Associate/Data Maintainer*  **Miami, FL**

* Helped solve technical issues with computers or software
* Finding books for 100 college students per day, processing over 50 online orders a day and punching in 500 invoices for textbook receiving per week
* Had over 50 customers come back and exclaim how well I helped them when issues would arise
* Trained temporary employees on how to use TA2 to look up books for online orders and customers

**Student Affairs Technology Center** **Jun. 2017 -- Present**

*Computer Support Specialist*  **Miami, FL**

* Maintain Active directory for users and computer objects through PowerShell
* Automate complex task through PowerShell for reimaging a desktop or laptop computer
* Troubleshoot issues for network printers and desktop computers for the Division of Student Affairs

**LEADERSHIP**

**FIU Engineering Expo** **Feb. 2014** *Docent*

* Tour guiding high school students around FIU’s engineering campus
* Showing them what each major in engineering does to encourage them to be a part of engineering

**Society of Women Engineers** **Aug. 2013 – Aug. 2014**

*Mentor*

* Explained the basics of soldering and the best methods for the high school students
* Helped a small group of girls build a siren and build a radio

**PROJECTS**

**Raspberry Pi Project**

*Ad Blocker*

* A modified version of Pi-hole an ad blocking program for the Raspberry pi computer
* The Pi-hole filters out malicious ads based on your preference and serves up blank space instead
* The Pi-hole was setup stock with an addition of a 16x2 LCD to display ads blocked DNS queries

**Arduino project**

*Parking Aid*

* A sketch for the Arduino that would help parking inside my family’s garage easier
* Using an Ultrasonic Sensor and a few LEDs to indicate if the car was too close to the wall
* The sketch was pinging the Ultrasonic Sensor in one second intervals to judge distance

**SKILLS**

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| --- | --- | --- |
| * Proficient in Java * Proficient in C++/C | * Mac OS X * Android App Development | * Linux OS * Windows OS |
| * Proficient in Microsoft Word * Proficient in Microsoft Excel | * Server Setups * Proficient in PowerShell * Intermediate French | * Active Directory * Mathematica * Intermediate Creole |