**David Dorneau**

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<https://github.com/David24415>

**EDUCATION**

**Bachelor of Science in Computer Engineering** August 2018

*Florida Atlantic University* Boca Raton, FL

**Overall GPA 3.48/4.0**

**MEMBERSHIPS**

* National Society of Black Engineers, *Florida Atlantic University July* 2016 - Current

**TECHNICAL SKILLS**

* Applications: Visual Studios, Quartus, Texas instruments Code Composer w/ MSP430, Eclipse, and Brackets
* Programming and Markup languages: C/C++, Assembly, Java, Html5, MySQL, and CSS

**RELEVANT COURSEWORK**

* Embedded Systems programming
* Windows API programming
* Web Development

**EXPERIENCE**

**Cashier/Sales floor Associate (20 hours per week)** April 2014 – Present

Kmart, Sears Holdings Corporation Lantana, FL

**ACADEMIC PROJECTS**

* **Home Automation** Fall 2016
* To gain understanding of embedded systems programming, we created a home using various LEDs, Sensors, Motors, Drivers, Buttons, a MSP430 Micro-controller, and with the use of C language, we could exhibit the concept of home Automation, whereas certain functions, which included turning on or off a light, the Air conditioning, or even ringing a door bell didn’t require user action.
* **Windows API** Fall 2015
* To Further Understanding in Graphical User Interface, I implemented a Dice simulation, using C++ language, whereas the user could roll five Die, receive random values on each Die, change the color of each die, and shift the Die simultaneously.
* **Banking Application** Fall 2015
* To gain understanding in data structures, I created a banking application using C++ language, where the user could perform various transactions which included Deposits, withdrawals, transferring to accounts, adding users to accounts, as well as creating new accounts.