

## **Tyler Driver**

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### **PROGRAMING EXPERIENCE**

- Currently studying undergraduate Computer Science at University of Houston and enrolled in COSC1430-Introduction to Programming
- Competed Competitively in high school UIL Computer Science and made it to regionals
- Worked on a team project in high school to develop a text base dungeon crawler game in C++
- Experience in C++, Java, and Arduino

### **SKILLS**

- Programming Languages: C++, Java, Arduino, as well as some C
- Experience using Windows 7/10 and Linux(specifically RedHat/Fedora)
- Some experience programming robotics control systems in Arduino
- Experience working on programming within a group
- Tech-Certificates: Microsoft Word, Microsoft PowerPoint, Microsoft Excel

### **EDUCATION**

- Currently a Junior at University of Houston Computer Science BS program (2016-present)
- Previously studied Computer Science at Lonestar Kingwood Community College (2014-2016)
- Graduated from Hargrave high school (2009-2014)

### **PREVIOUS WORK EXPERIENCE**

Life Guard for Texas Aquatics from 2013 – 2014:

Responsibilities: Watched over the swimmers in the pool to make sure that they were safe and following the rules, as well as pool, pump, and chemical maintenance in order to ensure that the pool was safe for visitors.

Achievements: Placed second within the lifeguard Olympics twice within our company. This competition consisted of performing carious saves efficiently and safely.

### **PERSONAL PROJECTS**

- Automated tea machine using Arduino that is able to brew loose-leaf tea at specific temperatures and times
- A mechanical keyboard using a Teensy micro-controller
- An autonomous robot that can avoid walls using an ultrasonic sensor that was programmed using Arduino