Brandon Widow

Richmond, TX, 77406   Phone: 832-638-1404
E-Mail: widow.brandon@yahoo.com
LinkedIn: www.linkedin.com/in/brandonwidow   GitHub: https://github.com/blackwidowprojects

EDUCATION

Major: **Computer Engineering Technology**, University of Houston, Houston, TX, Spring 2016
Minor: Mathematics
Major GPA: 3.2

EXPERIENCE

Geek Squad Consultation Agent Best Buy, Richmond, TX (July 2015 – February 2016)
- o   Install software on Windows and Mac OS
- o   Troubleshoot software issues
- o   Diagnose and install computer hardware

IT Support University of Houston, Houston, TX (February 2016 – May 2016)
- o   Install software on school computers
- o   Diagnose and fix software related issues
- o   Troubleshoot printer errors and connections

SKILLS

Hardware: DC/AC Circuit Design, Multisim, LabVIEW, AutoCAD
Programming: C++, Java, HTML, UNIX
Applications: Photoshop, Logic Pro, Pro Tools, Microsoft Office, Windows OS, Mac OS

PROJECTS

Introduction to C++ Programming University of Houston, TX *(Fall '13)*
- o   License Plate Recognition System
     Wrote a C++ program that loads a pseudo license plate text file, scans individual lines, and compares the scanned strings to defined strings to convert it into a single letter or number; displaying a license plate number.

Sensor Applications Final Project University of Houston, TX *(Spring '15)*
- o   S.L.E.E.V.E. (Systematic Limb & Extension Equipment for Vitals Examination)
     Designed a wearable compression sleeve that uses a programmable microcontroller & sensors to measure vital signs and displaying them to a LabVIEW VI.

Senior Project Design University of Houston, TX *(Spring '16)*
- o   Hyefi (Hydroponic Efficient Interface)
     Lead a team of 5 members to design and construct an indoor ebb & flow hydroponic system that uses a Raspberry Pi microcontroller, sensors, and electrical components to automate the grow method of plants. Selects plant data from SQL database and displays information on a hosted website.

LEADERSHIP AND ORGANIZATIONS

International Society of Automation, University of Houston, Houston, TX (Dec 2014 – May 2016)
- o   Appointed Treasurer
- o   Manage the financial budget and transactions
- o   Schedule organizational meetings

AWARDS

1st Place Undergraduate Student Final Project University of Houston, 2015
Succeed in Engineering Technology Scholarship University of Houston, 2015