

Brandon Widow

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EDUCATION

Bachelors of Science in Computer Engineering Technology

Minor: Mathematics

University of Houston, Houston, TX, Spring 2016

EXPERIENCE

IT Support University of Houston, Houston, TX (February 2016 – May 2016)

- Install software on school computers
- Diagnose and fix software related issues
- Troubleshoot printer errors and connections

Geek Squad Consultation Agent Best Buy, Richmond, TX (July 2015 – February 2016)

- Install software on Windows and Mac OS
- Troubleshoot software issues
- Diagnose and install computer hardware

SKILLS

Hardware: DC/AC Circuit Design, Multisim, LabVIEW, AutoCAD

Programming: C++, Java, C#, .NET Framework, 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*)

- 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*)

- S.L.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*)

- 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)

- Appointed Treasurer
- Manage the financial budget and transactions
- Schedule organizational meetings

AWARDS

1st Place Undergraduate Student Final Project University of Houston, 2015

Succeed in Engineering Technology Scholarship University of Houston, 2015