

Brandon Widow

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EDUCATION

Bachelors of Science in Computer Engineering Technology

Minor: Mathematics

University of Houston, Houston, TX, Spring 2016

GPA: 3.2

EXPERIENCE

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

- Manage computer lab and machines
- Install, diagnose, and resolve software related issues
- Write batch files for Windows to compile desktop information into database

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
- Perform diagnostics and maintain documentation of results
- Display exceptional customer support

SKILLS

Hardware: DC/AC Circuit Design, LabVIEW, AutoCAD

Programming: C++, Java, HTML, JavaScript, PHP, CSS, UNIX, SQL

Other: Project Management, Finance Management, Microsoft Office, Photoshop, Logic Pro X

PROJECTS

Sensor Applications University of Houston, TX (*Spring '15*)

- Designed a wearable compression sleeve that uses a programmable microcontroller & sensors to measure vital signs and displays the results to a LabVIEW VI.

Senior Project Design University of Houston, TX (*Spring '16*)

- Lead a team of 5 members to design and construct an indoor ebb & flow hydroponic system that uses a Raspberry Pi microcontroller, sensors, and components to automate the grow method of plants. Selects plant data from SQL database and displays information on a hosted website.

Go-Maps! Website (*Summer '16*)

- User/Password/Register system connected to SQL database. Accesses webpage developed with HTML, JavaScript, and PHP. Combines Bootstrap framework with Google-Maps API to allow users to drop custom address markers on nearby locations.

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