WADE A. SMITH JR

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OBJECTIVE

Enthusiastic engineering student offering a bachelor's degree in Computer Engineering. A self-starter with dynamic interpersonal, analytical and critical thinking skills. Looking for an opportunity to gain software experience remotely.

EDUCATION

Bachelor's: Computer Engineering, May 2019
University of South Florida - Tampa, FL
GPA: 3.2 / 4.0

WORK HISTORY

Intern, 05/2018 to 1/2019
Gulf Controls Company – Tampa, FL
- Developed an algorithm using C# to solve a Travelling Salesman Problem to potentially improve productivity by at least 15% a week for up to 29 different items
- Proposed and developed an application to simplify the process of cutting heat shrink and increased productivity by at least 50% a day using C# and MySQL
- Created a label printer application using C# and Asp.Net
- Developed a webform used to display and search a database using C#, Asp.Net, and MySQL
- Automated processing scanned documents by creating an OCR application using C#
- Interpreted electrical drawings and assembled control panels

PROJECTS

Senior Project
- Collaborating with a team of three to partially automate the C.S.E. advising system via voice and SMS channels using Twilio, Node.js, Python, and MongoDB

SwampHacks, Hackathon
- Contributed in creating an application which pinpoints a person's location by displaying a 3D beacon on a camera, using Django, AWS, and Android Studio

HackRiddle, Hackathon
- Collaborated with a group of two to create two games which responds to hand gestures using the Leap Motion SDK, Unity, and Python

SKILLS

- Proficient in C#, Asp.Net, MySQL, MongoDB, Java, Python, Git, and C++
- Familiar with Verilog, VHDL, Bash, MATLAB C, HTML5, CSS3, Node.js, and Javascript
- Linux and Windows OS
- Experience in making reusable libraries
- Remarkable communication, interpersonal, and coordination skills
- Automation skills
- Microsoft Office
- Penetration testing
- Database Design

AFFILIATIONS

Whitehatters Computer Security Club, 9/2017 - 12/2017
- Practiced ethical cyber security skills using a Linux operating system

IEEE Workshop, 1/2018 - 5/2018
- Gained experience with hardware components using an Arduino