MICLAIN K. KEFFELER

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THE UNIVERSITY OF ALABAMA 19', COMPUTER SCIENCE

Enrolled in The Honors College & STEM Path to the MBA Program at The University of Alabama, Class of 19'.

CORE COMPETENCIES

- Prior experience as a summer IT/development intern
- Communicative and intuitive with excellent interpersonal skills
- Coding knowledge: C/++/#, Python, Java, HTML5, and SQL
- Self-Motivated with great public speaking skills, self-starter attitude

NOTABLE CAREER HIGHLIGHTS

- **Designed and developed a mobile application** for Martin Engineering in Neponset, IL. Worked to utilize Bluetooth LE to determine battery levels and information on batteries in a large warehouse setting remotely.

- **Managed and coordinated over 50 volunteers** with the Tuscaloosa Rocketry Challenge to work together for middle school kids to learn about rockets and space exploration. This role helped me gain experience in working with, delegating, and managing tasks/people in a large setting (over 50 people).

PROFESSIONAL EXPERIENCE

Martin Engineering, Neponset, IL   Summer 2015

Summer Engineering Intern

Full time. Worked at the Center for Innovation in Neponset, IL for Martin Engineering. Developed a mobile application that utilizes Bluetooth LE to read and interpret data on batteries that are charging in a large warehouse setting. Obtained valuable experience working with other engineers and gained experience in identifying needs and providing viable solutions in the business.

UA College of Engineering-Computer Science Department, Tuscaloosa, AL   October 2016- Now

Undergraduate Researcher

20 hours a week. Currently working under Dr.Atkison in The Digital Forensics and Control Systems Security Lab (DCSL). Developing machine learning based solutions through gathering and analyzing system data (Application software and OS). This is used for Android malware detection. Utilizing Python, Tensorflow, and Bash.

Microsoft, Tuscaloosa, AL   January 2015- Now

Student Partner

15 hours a week. As one of 150 student partners nationwide, I represent Microsoft at The University of Alabama. I hold workshops on various technologies including but not limited to machine learning, big data, and more. Created a tutorial series on C# among other projects. Gaining invaluable experience and connections with Microsoft.

The University of Alabama, Tuscaloosa, AL   August 2016- October 2016

Technical Services Assistant

20 hours a week. Managed and maintained hardware and software support of enterprise computers, digital signage, and event technology for the Ferguson Student Center. Provided hands-on support/troubleshooting for customer IT issues within the building. Assisted in the implementation of IT security measures throughout the building.

The University of Alabama, Tuscaloosa, AL   August 2015- May 2016

Event Technology Assistant

20 hours a week. Assisted in managing multimedia for stadiums around campus. Provided hands-on support for events on campus and other projects associated with multimedia production. Have setup audio and/or video experiences for events from 500-101,000 people. Very fast-paced environment in the public eye.