

MICLAIN K. KEFFELER

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EDUCATION

The University of Alabama , Honors College , Tuscaloosa, AL

Master's in Business Administration

May 2019

Bachelor of Science in Computer Science

May 2018

ACADEMIC HONORS

- Recipient of Dr. Fei Hu's Outstanding Undergraduate Student Award
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PROFESSIONAL EXPERIENCE

UA College of Engineering-Computer Science Department, Tuscaloosa, AL Oct. 2016- Present

Undergraduate Researcher

- Develop machine learning based solutions in python through gathering and analyzing system data (Application software and OS), used for Android malware detection
 - Apply problem solving skills to real world problems, developing solutions
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ADDITIONAL EXPERIENCE

AutoZone Store Support Center, Memphis, TN

May. 2017- Present

Information Security Analyst Intern

- Evaluating real-time network events to determine maliciousness and further actions required
- Developing multiple threat intelligence tools utilizing open-source web services that led to decreased triage time for real time events
- Implemented an open source internal network monitoring solution to improve understanding of employee web practices within the business

Martin Engineering, Neponset, IL

Summer 2016

Summer Engineering Intern

- Developed a mobile application in C# that utilizes Bluetooth LE to read and interpret data on batteries that are recharging in a large warehouse setting
- Gained valuable experience working with engineers and gained experience in identifying needs and providing viable solutions in the business

Microsoft, Tuscaloosa, AL

Jan. 2016- Present

Student Partner

- Managing workshops on various technologies including but not limited to machine learning, big data analytics, and more
 - Produced a tutorial series on C# among other projects. Gaining invaluable experience and connections with Microsoft
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VOLUNTEERING

Tuscaloosa Rocketry Challenge, Tuscaloosa, AL

Mar.2015-Apr. 2015

- Volunteered with AL SEDS and local schools to coordinate a fun focused, week long aerospace education program. Managed the day-to-day and assisted as needed

Open Austin-Code For America, Austin, TX

Jul. 2017-Present

- Coordinating with fellow members of Open Austin to develop civic tech projects focused around open government and open data; Specifically working on projects that solve problems and assist others in local communities