**Samuel W. Maryland**

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**EDUCATION**

**Tuscaloosa, AL**

Expected Graduation: May 2019

**The University of Alabama, College of Engineering**

College of Engineering *|* Bachelor of Science in Computer Science

**PROFESSIONAL EXPERIENCE**

**IBM Security**

**Atlanta, GA**

*Security Services Specialist Intern* (May 2018 – August 2018)

* *X-Force Black Falcon –* Team lead and inventor for a team of 7 interns to develop, prototype, and present an asset discovery and maintenance product to IBM executives.
* *QRadar Sentinel –* Developed Python application to track and analyze the average events per second from Log Sources. The application would track data from the log sources and alert when not showing normal behavior.
* *Watson Chatbot* – Created a chatbot using the Watson Assistant service to answer questions about IBM’s history for an intern competition, team won first place.
* *Microservices Mock Server –* Created a mock rest server to emulate both good and bad responses from different servers and services. This server would return responses in the same fashion as the system being emulated but included a way to force a failure response or no response at all.
* *Staffjoy Development ­*– Enabled HTTPS and SLL, integrated IBM SSO into a time scheduling application that is being implemented into IBM daily use.
* *Customer Dashboard* – Created an executive dashboard by generating a Cognos report to show data for IBM MSS top 50 clients.

*Security Services Specialist Intern* (May 2017 – August 2017)

* *White Dog Security -* Head Developer for a team of 6 interns to invent, develop and pitch cognitive physical security system to IBM executives. Designed using IBM Design Thinking, the system utilized the Watson Visual Recognition Service to localize and recognize specific objects within a picture.
* *QRadar Advisor -* Developed NodeJS application to discover, filter, analyze, and visualize new QRadar offenses in near-real time, saving analysts around 15 minutes per offense on average.
* *BNA Adapters -* Developed BNA device adapters in XML used for Quality Assurance Tests, Auto-Building devices, and remediating configuration problems.
* *EBC Dashboard –* Developed displays used in IBM Security Operations Center Client Briefings. Designed a revolving globe with locations of all IBM X-Force Command Centers and their time zones using JavaScript and HTML.

**Kennesaw, GA**

*November 2015 – May 2016*

**Mix It Up Memphis**

*UI/UX Designer*

* Edited and maintained company website at mixitupmemphis.com. Included updating catalog, handling requests from business owner to optimize and design web interface.

**TECHNOLOGY \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Languages**

* *C, C++, Python, Java, JavaScript, NodeJS, PHP, HTML, CSS, SCSS, XML, SQL, YAML*

**OS, Software and Database**

* *QRadar, SQL, BNA, Remedy, MacOS, Windows, Linux, Microsoft Office*

**Certification**

* *IBM Design Thinking Practitioner*

**HONORS \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Presidential Scholarship,** *The University of Alabama,* August 2015 – May 2019

**Engineering Scholarship,** *The University of Alabama,* August 2015 – May 2019