Sam Allen Mendimasa

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EDUCATION

University of Maryland, Baltimore County   **Expected Graduation: Spring 2020**
M.S. Computer Science – Thesis Track (Cloud Security)

University of Maryland, Baltimore County
B.S. Computer Science – Cyber Security Track   December 2018
Center for Women in Technology (CWIT) T-SITE Scholar

TECHNICAL SKILLS

Operating Systems:	Windows Vista/7/8/10, Linux (Ubuntu, Debian, CentOS), macOS Sierra
Programming:	Java(6 years), C++(3 years), JavaScript (2 years), Python(1 year), SQL(1 year)
Web Development:	PHP(2 years), HTML(3 years), CSS(3 years), jQuery(1 year), AJAX(1 year)
Security / Cloud:	Metasploit, Nessus, BurpSuite, Zap, Elastic Search, Graylog, Kibana, Nmap
Cloud:	OpenStack, OpenShift, Docker, Kubernetes, ManageIQ
Software:	Eclipse, Xcode, Android Studio, Putty, Visual Studio, Microsoft Office

Work Experience

University of Maryland, Baltimore County, Dept. of Information Technology
Software Developer/Analyst (Team Lead)   January 2018 - Present
- Developed web pages and IT systems for UMBC that interacts with Request Tracker(RT), Box, and the DocuSign API
- Meet with Clients regularly to access their needs and then design and implement solutions to improve their current site and IT support system

Hughes Network Systems, Technical Services
Systems and Security Engineering Intern   June 2019 – August 2019
- Setup RedHat OpenShift Origin for containers management and orchestration. Researched and determine security vulnerabilities in OpenShift and the best practices to mitigate and prevent breaches.
- Installed and configure ManageIQ for containers, VMs, and NMS systems management.

Hughes Network Systems, Technical Services   June 2018 – August 2018
Cyber Security Engineering Intern
- Researched and evaluated open source tools for UI's and Systems scanning. Scanned Terminals and NMS systems for vulnerabilities, met with specified teams to review, determined appropriate solutions, and created SPRs for fixes.
- Managed system and network logs using open source tools, evaluated security concerns, set up alerts, and created real-time dashboards displaying security concerns.

Research Experience & Projects

RESTful API for CRUD operations – Operating Systems Project   *Spring 2019*
- Developed a restful web service to manage resources and sites with multiple access points in Golang

Cloud Forensics - INSuREHub Project   Fall 2018
- Collaborated with the NSA to research, evaluate, and develop cloud forensics tools that can address the volatility of information stored in the cloud.

BidBox (Android App) – Mobile Computing Project   Spring 2018
- Developed an android app for auctioning books to students. Implemented the backend server with Node.js and MongoDB to handled requests, such as searching or viewing new events and activities.

Data Visualization – UMBC Choice DJS (Department of Juvenile Services) Project   Fall 2017
- Developed an application that visualized the Choice DJS dataset from the 2016-17 year using java.
- Investigated and wrote a research paper to address ways of improving Choice by reducing recidivism and out-of-home placements, strengthening youth and family ties to the community through education and employment, and promoting community safety.

HONORS and AWARDS

CyberDawgs Cyber Defense Competition (CDE) First Place Winner   Fall 2017
UMBC Hackathon SGA prize winner for sustainability application   Fall 2016
Montgomery College Environmental Club President   Fall 2015 – Spring 2016

Extracurricular

UMBC Eco-Ambassador, *Member*   Fall 2016 - present
Allies in CWIT, *Leadership/Planning Committee*   Fall 2017 – Spring 2019
UMBC Cyber Defense Team, *Member*   Fall 2016 – Fall 2018
Silicon Valley CodePath IOS/Internship Prep Course, *Organizer*   Fall 2016 – Spring 2017