Sam Allen Mendimasa
Interested in Software Engineering and Cyber Security
11543 Apperson Way, Germantown, MD 20876 □ 301-502-2119 □ sam34@umbc.edu
https://smendimasa.github.io/

EDUCATION

University of Maryland, Baltimore County **Expected Graduation: Spring 2020**
M.S. Computer Science – Thesis Track (Cloud Security) **Cumulative GPA: 3.34/4.0**

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

TECHNICAL SKILLS

Operating Systems:	Windows Vista/7/8/10, Linux (Ubuntu, Debian, CentOS), macOS Sierra
Programming:	Java(6 years), C++(3 years), Python(1 year), SQL(2 years), Swift(1 year), React Native(1year)
Web Development:	PHP(2 years), HTML(3 years), CSS(3 years), JQuery(1 year), React(1 year), JavaScript(1 year)
Security:	Metasploit, Nessus, BurpSuite, Zap, Elastic Search, Graylog, Kibana, Nmap, Openstack
Software:	MariaDB, Eclipse, Xcode, Android Studio, Putty, CodeBlock, Visual Studio, Microsoft Office

Work Experience

University of Maryland, Baltimore County, Dept. of Information Technology
Software Developer/Analyst 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 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

Cloud Forensics - INSuREHub Project Fall 2018

- Worked with a group in collaboration with the NSA to research, evaluate, and develop cloud forensics tools that can address the volatility of information stored in the cloud.

Data Visualization – UMBC Choice DJS (Department of Juvenile Services) Project Fall 2017

- Collaborated with a group and developed an application that visualized the Choice DJS dataset from the 2016-17 year.
- 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.

Projects

Android App (BidBox) – Semester Project Spring 2018

- Developed an app for auctioning books to students, which allow users to create and bid on different textbooks.
- Implemented the backend server with Node.js and MongoDB to handled requests, such as searching or viewing new events and activities.

Sustainability Star App – Hackathon Project Fall 2016

- Developed an app to improve recycling and sustainability at UMBC. Used java, eclipse, swing, excel, and Apache POI
- Allow users to view dining locations on campus, determine the materials that each vender uses, and characterize each item as recyclable, compostable, or landfill. The App tracks and ranks the users' recycling and composting rates.
- Won UMBC Student Government Allocation (SGA) prize and is currently in development for mobile phones

HONORS and AWARDS

CyberDawgs Cyber Defense Competition (CDE) First Place Winner Fall 2017
Montgomery College Environmental Club President Fall 2015 – Spring 2016

Extracurricular

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