**Nahum Meherete**

U.S. Citizen

2602 Deer Ridge Drive, Silver Spring, MD 20904 | (240)-281-8830 | nahum1@umbc.edu

**EDUCATION**

**University of Maryland, Baltimore County (UMBC)** Baltimore, MD

* Master of Professional Studies in Data Science 12/2019
* Bachelor of Science in Computer Science 5/2018

**Certifications**

* Splunk User Certification

**SKILLS**

**Languages -** Python, C++, R, mySQL, SAS

**Software -** Splunk, Hadoop, Azure, Cloudera

**Platforms -** Unix, Windows

**Libraries -** Pandas, MatPlotLib, numPy, pySpark

**Machine Learning Tools -** Pytorch, TensorFlow, Scikit-Learn, Keras

**EXPERIENCE**

**Leidos Inc.,** *Data Science Intern*, Arlington, VA 6/2019-8/2019

* Used posterior averaging and gradient descent to demonstrate how an Adversarial network works.
* Developed a Generated Adversarial Network to discriminate fake data from legitimate data.
* Programed attack models to disrupt a training dataset from identifying legitimate data.
* Generated more clients by showcasing the importance of data security and data management.

**UMBC Division of IT,** *Cyber Security Technician*, Baltimore, MD 8/2017-12/2019

* Analyzed Splunk to resolve student and faculty account breaches.
* Established a Security Operations Center to analyze threats in a timely manner.
* Directed a team to centralize fire alarm and door swipe logs into Splunk using python.

**Amarex Clinical Research,** *Statistician Intern*, Germantown, MD 6/2015-8/2016

* Used SAS and R to tabulate data from clinical research trials.
* Constructed mappings for Case Report Forms following CDISC standards.
* Modernized subject data into format libraries to simplify future references.

**Projects**

* Establish a neural network that does market basket analysis on how users shop for online groceries.
* Experiment with different Machine Learning algorithms to detect fraud credit card usage.
* Generate K-means cluster and decision trees to compare with neural network accuracy of NBA dataset.
* Led a team to create an open source facial recognition service using Generative Adversarial Networks.

**Extracurricular Activities**

**Public Relations Officer,** *Ethiopian-Eritrean Student Association (EESA).* 5/2015-5/2018

* Collaborate with other EESA’s in the DMV to set up joint events

**Member,** *National Society of Black Engineers (NSBE).* 8/2015-Present