

# Nahum Meherete

U.S. Citizen

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

---

## EDUCATION

<b>University of Maryland, Baltimore County (UMBC)</b>	Baltimore, MD
• Master of Professional Studies in Data Science	12/2019
• Bachelor of Science in Computer Science	5/2018

### Certifications

- Splunk User Certification

---

## SKILLS

<b>Languages</b> - Python, C++, R, MySQL, SAS	<b>Libraries</b> - Pandas, Matplotlib, NumPy, PySpark
<b>Software</b> - Splunk, Hadoop, Azure, Cloudera	<b>Machine Learning Tools</b> - PyTorch, TensorFlow, Scikit-Learn, Keras
<b>Platforms</b> - Unix, Windows	

---

## EXPERIENCE

<b>Leidos Inc., Data Science Intern</b> , Arlington, VA	6/2019-8/2019
<ul style="list-style-type: none"><li>• Used posterior averaging and gradient descent to demonstrate how an Adversarial network works.</li><li>• Developed a Generated Adversarial Network to discriminate fake data from legitimate data.</li><li>• Programmed attack models to disrupt a training dataset from identifying legitimate data.</li><li>• Generated more clients by showcasing the importance of data security and data management.</li></ul>	
<b>UMBC Division of IT, Cyber Security Technician</b> , Baltimore, MD	8/2017-12/2019
<ul style="list-style-type: none"><li>• Analyzed Splunk to resolve student and faculty account breaches.</li><li>• Established a Security Operations Center to analyze threats in a timely manner.</li><li>• Directed a team to centralize fire alarm and door swipe logs into Splunk using python.</li></ul>	
<b>Amarex Clinical Research, Statistician Intern</b> , Germantown, MD	6/2015-8/2016
<ul style="list-style-type: none"><li>• Used SAS and R to tabulate data from clinical research trials.</li><li>• Constructed mappings for Case Report Forms following CDISC standards.</li><li>• Modernized subject data into format libraries to simplify future references.</li></ul>	

---

## 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

<b>Public Relations Officer</b> , <i>Ethiopian-Eritrean Student Association (EESA)</i> .	5/2015-5/2018
• Collaborate with other EESA's in the DMV to set up joint events	
<b>Member</b> , <i>National Society of Black Engineers (NSBE)</i> .	8/2015-Present