

2602 Deer Ridge Dr.  
Silver Spring, MD 20904

# Nahum Meherete

U.S. Citizen

(240) 281-8830

nahummeherete@gmail.com

---

## KEY SKILLS

- Data Management
- Machine Learning
- Cyber Security
- Cloud Computing
- Data Wrangling
- Data Visualization

---

## PROFESSIONAL EXPERIENCE

### Washington Metropolitan Area Transit Authority

Washington DC

#### Operational Analyst

07 2020 - Present

*Provide consultant services to the WMATA office of Transit Performance Management (PERF) to analyze metro data to improve metro timing and create initiatives to improve rider satisfaction.*

- Develop Power BI reports and dashboards for discourse with stakeholders about performance due to COVID-19.
- Develop and document requirements and identify possible database solutions for Metro data as a data storage tool for performance reporting.
- Research other transit agencies to analyze how predictive analysis can be used to improve Washington Metro prediction accuracy performance measures.

### UMBC Division of IT

Baltimore, MD

#### Cyber Security Technician

08 2017 - 12 2019

*Use Splunk to monitor student, faculty, and staff data to prevent users from giving up sensitive data. Stay up to date on security protocols to implement within the company.*

- Create python scripts to digitize fire alarm and door swipe logs into Splunk. Managed a team of 5 to implement the script in every building around campus.
- Clean campus data and remove 30% excess data by using Splunk back end to properly place data into correct buckets for easier data exploration.
- Increase efficiency of resolving account breaches by 25% by implementing a Security Operations Center.

### Leidos Inc.

Arlington, VA

#### Data Scientist Intern

06 2019 - 08 2019

*Use python and jupyter notebook to create a Generative Adversarial Network utilizing facial reconstruction to showcase the importance of data security in Machine Learning.*

- Use machine learning tools such as posterior averaging and gradient descent to demonstrate the ability of how adversarial networks work.
- Generate more clients by showcasing the importance of data security and data management.

### Amarex Clinical Research

Germantown, MD

#### Statistician Intern

06 2015 - 08 2016

*Use SAS and R to analyze testing data to determine the efficacy of different medicine and medical devices for FDA approval.*

- Assist in the creation of electronic case report forms to improve data collection by 15%.
- Utilized data visualizations to determine optimal choices and evaluate risk factors.

---

## EDUCATION

### University of Maryland, Baltimore County • Cumulative GPA 3.6/4.00

Baltimore, MD

M.P.S., Data Science

12 2019

### University of Maryland, Baltimore County • Cumulative GPA 3.2/4.00

Baltimore, MD

B.Sc., Computer Science

05 2018

---

## TECHNICAL SKILLS, VOLUNTEER ACTIVITIES, AND INTERESTS

**Technical Skills:** Python, SQL, Hadoop, Splunk, SAS, TensorFlow, PyTorch, PySpark, R

**Volunteer Activities:** Python tutor, Public Relations Officer of EESA, member of NSBE