**EDUCATION**

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

* Bachelor of Science in Computer Engineering-Cyber Security Track Spring 2022
  + GPA: 3.78/4.0
* **Honors**: UMBC Merit Scholar

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**SKILLS**

**Development** C/C++, MATLAB, JavaScript, Node.js, Vue.js, SQL

**Techniques** Agile Project Development, Mob Programming

**Hardware** Robotics, FPGA/ASIC, VHDL, Verilog  
**Tools** Git, JIRA, AWS, Docker, PostgreSQL, GraphQL

**Foreign Languages** Fluent Amharic (National language of Ethiopia)

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**Software Engineering Intern (April 2021 – Present**)

* Worked on small team to create a serverless cloud-native Mission Planning System web application for NASA.
* **Key Achievements:**
  + Created a serverless prototype that emulates NASA’s current Mission Planning System (MPS).
  + Hosted successful customer demos and received feedback on future features from current MPS planners.
* **Responsibilities:**
  + Contribute to data model of application.
  + Define and implement front end features.
  + Prepare project status presentations for upper management.

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**Northrop Grumman**

**Technical Intern (Summer 2020)**

* Worked with a project team on adding new functionality to old scripts and helped

develop ASIC and FPGA designs

* **Key Achievements:**
  + Developed new functionality for old Python scripts that created different formats

of memory maps.

* + Created Python scripts that reversed memory maps into human readable formats.
  + Implemented Verilog code to test eFPGA run times and design efficiency
  + Used tools such as JIRA to implement Agile Project Development

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**CERTIFICATIONS/CLEARANCES:**

* AWS Certified Cloud Practitioner – Validation Number: 7SPY2V7CFMB4Q1CR
* -DOD Secret Security Clearance