**EDUCATION**

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

* Bachelor of Science in Computer Engineering - Cyber Security Track Anticipated Graduation: May 2022
  + GPA: 3.68/4.0
* **Honors**: UMBC Merit Scholar

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**SKILLS**

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

**Techniques** Agile Project Development, Mob Programming

**Hardware** FPGA/ASIC, VHDL, Verilog, Cadence  
**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:**
  + Define and apply front-end features (e.g., support for user-defined scripts).
  + Design and Implement a Relational data model.
  + Define database schema.

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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 functionalities for old Python scripts to create different formats

of memory maps.

* + Created Python scripts that reversed memory maps into human readable formats.
* **Responsibilities:**
  + Implement Verilog code to test eFPGA run times and design efficiency.
  + Edit and write Python scripts

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**CERTIFICATIONS/CLEARANCES:**

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