**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

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**SKILLS**

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

**Techniques** Agile Project Development, Mob Programming

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

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

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**KBR, Inc.**

**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 Relational data model.
  + Define database schema.

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**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

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**CERTIFICATIONS/CLEARANCES:**

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