

Nehmya Negash

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EDUCATION

University of Maryland, Baltimore County (UMBC)

Baltimore, MD

- Bachelor of Science in Computer Engineering - Cyber Security Track
Spring 2022
 - GPA: 3.68/4.0
- **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