

# Nehmya Negash

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## 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

<b>Development</b>	C/C++, JavaScript, Node.js, Vue.js, SQL
<b>Techniques</b>	Agile Project Development, Mob Programming
<b>Hardware</b>	FPGA/ASIC, VHDL, Verilog, Cadence
<b>Tools</b>	Git, JIRA, AWS, Docker, PostgreSQL, GraphQL
<b>Foreign Languages</b>	Fluent Amharic (National language of Ethiopia)

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## KBR, Inc.

### Software Engineering Intern (April 2021 – August 2021),

### Junior Software Engineer (August 2021 – Present)

- Worked on a 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:**
  - ❖ Made changes to 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