Nehmya Negash

Baltimore, MD | 443-538-8915 | nehmya9217@gmail.com | US Citizen

Education

University of Maryland, Baltimore County (UMBC)   **Baltimore, MD**
Bachelor of Science in Computer Engineering - Cyber Security Track   *August 2018 – May 2022*
- **GPA:** 3.64/4.0
- **Honors:** UMBC Merit Scholar

Professional Experience

Google   **Washington, DC**
Software Engineer II   *June 2022 – Present*
- Worked on the Search Sustainability vertical team to create search features that help users make sustainable choices that support a healthy planet.
- **Key Achievements:**
  - Helped launch multiple search features in the Electric Vehicles space.
  - Represent the Search Sustainability vertical team as the Search Accessibility Champion.
- **Responsibilities:**
  - Develop functionality in C++, Java, and TypeScript to power Search Features.
  - Detect and fix accessibility issues across all features in the Sustainability Vertical.

KBR, Inc.   **Greenbelt, MD**
Software Engineering Intern   *April 2021 – May 2022*
- Worked on a small team to create a serverless cloud-native Mission Planning System web application for NASA at the NASA Goddard Space Flight Center (GSFC).
- **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.

Northrop Grumman   **Baltimore, MD**
Technical Intern   *May 2020 – August 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 new 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.

Skills

- **Development:** C, C++, Java, 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)

Certifications & Clearances

- **AWS Certified Cloud Practitioner** (Validation Number: 7SPY2V7CFMB4Q1CR)
  - **Issued:** June 06, 2020
  - **Valid Thru:** June 06, 2023
- **DOD Secret Security Clearance**
  - **Issued:** May 30, 2020
  - **Valid Thru:** May 30, 2025