

Elton Gbollie

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Education

University of Maryland - Baltimore County

Bachelor of Science in Computer Science

GPA: 3.65

Honors: President's List Academic Achievement Award

Baltimore, MD

May 2024

Technical Skills

Programing Languages: C, C++, Python, Java, JavaScript, Typescript, Assembly, SQL

Web Development: HTML, CSS, React, Node, Jest

Machine Learning: TensorFlow, PyTorch, Weka

Technologies and Tools: Visual Studio Code, Docker, Git, Linux, Virtual Machine

Experience

Amazon Web Services

Arlington, VA

Software Development Engineer Intern

May 2023 - Sep 2023

- Authored a complete design document for a project focused on centralizing Amazon's internal Greasemonkey scripts
- Developed an application for searching and downloading Greasemonkey scripts, solving the problem of script accessibility and organization
- Designed and built a user-friendly website interface using React and TypeScript, facilitating easy navigation and script discovery
- Presented the final project with a live demo, showcasing the successful implementation of features such as script listing, search, and download capability

University of Maryland - Baltimore County

Baltimore, MD

Computer Science Teaching Assistant

Jan 2023 - May 2023

- Assisted with course preparation, grading, and student feedback
- Collaborated with the course instructor to improve course materials
- Presented problem sets and lab exercises to help students understand core programming concepts
- Enhanced student engagement and understanding by integrating interactive tools and real-world examples into lectures and labs, resulting in a 10% increase in the class performance

Projects

Amazon Web Services

Arlington, VA

DanceMonkey

May 2023 - Sep 2023

- Implemented a web crawler and script-indexer to aggregate and index metadata from hundreds of Greasemonkey scripts
- Interacted with Amazon's OpenSearch to process and store script metadata from an uploaded JSON file, improving search efficiency
- Conducted thorough unit testing for each front-end and back-end component, ensuring high-quality code and functionality

ECS (Eventual Consistency Simulator)

Oct 2023 - Nov 2023

- Developed a system that models YouTube's like system, demonstrating expertise in distributed systems and asynchronous data handling
- Implemented a real-time data synchronization mechanism between servers and used advanced logging for process tracking