

Elton Gbolle

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Objective

Software Engineer with expertise in **JavaScript**, **HTML**, **CSS**, and proficiency in **Python** and **C++**. Passionate about Amazon's mission of **customer obsession** and delivering **high-quality user experiences**. During my previous internship at Amazon, I embraced **Amazon's leadership principles**, enhancing my ability to **innovate**, **think big**, and **deliver high-quality solutions**. Eager to utilize my strong problem-solving skills to contribute to AWS. Excited to **build** and **improve** software features, collaborate on **UX**, and engage in the full software development lifecycle to positively impact **customer experience** and **software quality**.

Education

University of Maryland - Baltimore County

Baltimore, MD

Bachelor of Science in Computer Science - AI/ML Focus

May 2024

GPA: 3.5/4.0

Honors: Dean's List & President's List Academic Achievement Award

Relevant Coursework

Data Structures	Algorithms	Artificial Intelligence	Machine Learning	Natural Language Processing
Operating Systems	Computer Security	Computer vision	Software Engineering	Database Management

Technical Skills

Basic proficiency: JavaScript, Typescript, HTML, CSS, Git, Node.js, Express.js, RESTful APIs

Proficient in: Python, C, C++, Java

Understanding of computer science fundamentals: Data structures & Algorithms, OO design, Software Engineering

Basic knowledge and skills in UI/UX Design

Familiarity with front-end frameworks: React, Vue, Angular, Bootstrap

Experience

University of Maryland - Baltimore County

Baltimore, MD

Computer Science Teaching Assistant

Jan 2023 - May 2024

- Assisted with course preparation, grading, and student support for CMSC **104**, CMSC **201** and CMSC **341**.
- Taught **125+** students programming in **Python**, **C**, **C++**, **computer science fundamentals** and **object-oriented design**.
- Conducted weekly office hours and problem-solving sessions to enhance student understanding, resulting to a **19%** increase in overall student's grade performance.

Amazon Web Services

Arlington, VA

Junior Systems Development Engineer Intern - MVP

May 2023 - Sep 2023

- Designed and implemented a **centralized repository** for Greasemonkey scripts, **improving script management**.
- Led the development of a user-friendly website interface using **React** and **TypeScript**, ensuring the delivery of high-quality, maintainable, and extendable code.
- Conducted thorough unit testing using **Jest** for each front-end and back-end component, ensuring high-quality code.
- Actively sought feedback and mentorship, following best practices for **code reviews**, **source control**, **builds**, **testing**, and **operations**, improving application implementation.
- Automated **CI/CD pipeline** processes using **AWS CodePipeline**, and **Docker**, reducing deployment time by **24%**.
- Took feature specifications and delivered working code that was **maintainable** and **extendable**.
- Delivered **well-documented** and **tested** code, and presented the final project to stakeholders, showcasing successful implementation and impact.

Projects

PyTorch CNN CIFAR-10 Image Classification

May 2024

- Implemented a **convolutional neural network** using **PyTorch** to classify CIFAR-10 images.
- Enhanced network accuracy by **28%** through modifying network hyperparameters, experimenting with different convolutional layer configurations, and incorporating dropout.
- Delivered an in depth project report that showcase what changes positively impacts the networks classification accuracy.

Eventual Consistency Simulator

Nov 2023 - Dec 2023

- Designed a real-time data synchronization system in **C** that models asynchronous data handling for **distributed systems**.
- Implemented **data synchronization** mechanism between servers and used **advanced logging** for **process tracking**.
- Delivered well-documented and tested code, ensuring the project was operational, reliable and easy to maintain.

Extracurricular Activities

- Volunteer tutor for underrepresented students in STEM, helping to bridge the educational gap and inspire the next generation of tech leaders.
- Member of the University's Computer Science Club, organizing events and workshops.