

Tomiwa Adewumi

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EDUCATION

University of Prince Edward Island, Canada.

May 2025

B.Sc. Computer science

- 3.7 CGPA

EXPERIENCE

Software Dev Engineer Intern **Amazon Canada Fulfillment Services, ULC.** *May 2023-present*

- Implemented a local cache using Google Guava library, reducing data retrieval latency, and enhancing overall system responsiveness.
- Designed and implemented a distributed cache system using Redis and AWS ElastiCache, improving data access latency and persistence.
- Incorporated metrics tracking in the cache implementation to monitor cache utilization and performance, contributing to data-driven optimization and resource allocation decisions.

Teaching Assistant *University of Prince Edward Island* *Jan 2023- May 2023*

- Assisted in delivering course content and providing feedback to students' questions.
- Evaluated and graded student assessments, ensuring accuracy and consistency in grading, and provide constructive feedback to improve their understanding of course materials.
- Collaborated with course instructors to develop course materials and lesson plans, contributing to the effective delivery of the course.

PROJECTS

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- **Word Game:** Developed a user-friendly word game that allows users to upload, search, and filter text files, featuring bookmarking, custom word lists, secure file handling, and a mobile-friendly design.
 - **Toggle Game:** Developed the backend logic and functionality for a Toggle Game.
 - **Drawing App:** Built a drawing app with multiple drawing modes, customizable tools, user-friendly interface, touch screen integration, fast response time, and support for various file formats.
 - **Image Resizing Software:** Created a Java-based software that offers efficient and easy-to-use image resizing with batch processing, customizable options, aspect ratio control, and optimization features.

TECHNICAL SKILLS

Languages and Frameworks: Java, Python, HTML, CSS, JavaScript, C/C++, PHP

Technologies and Services: AWS, Git & GitHub

Tools: Microsoft Visual Studio Code, Sketch

SOFT SKILLS

Willingness to learn, Creative, Reliable, Teamwork, Time Management, Excellent Verbal and Written Communication.