Mohamed Amadou

2A Computer Science and Business Double Degree Student

About Me

Hello! My name is Moe and I'm a CS/BBA student with an intense work ethic and palpable love of **problem-solving**, **software development**, and **project management.** I have extensive **Android** and **object-oriented design** experience, and I am also a quick study and eager to learn new tools.

When I'm not studying or working on a project, you'll find me either:
- Preparing for case competitions,
- Reading,
- Watching old clips of Toni Morrison interviews,
- Playing the flute, or
- Arranging music for/performing with my a cappella group, the Water Boys

Technical Skills

(***Advanced***) Java, Adobe XD/Photoshop, Object-oriented design, MVVM, Git
(***Proficient***) Kotlin, C, C++, Figma Python, Bash
(***Prior-experience***) Flutter, NodeJS, Voiceflow

Soft Skills

Leadership, Problem-solving, Adaptability, Public-speaking, Project management, Written and Oral Communication

Contact

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⊙ /moeamadou753

Experience

Mobile Applications Developer Intern   May 2019 - Aug. 2019
TD Bank Financial Group

- Implemented an indoor wayfinding app for TD employees using various technologies (**Android, ARCore, Flutter, Lombok, Adobe XD**) and design patterns and practices (**MVVM, Factory Pattern, Agile**)
- Presented project to management company-wide—including TD's VP Technology
- Wrote **Confluence** documentation for working with new vendor APIs to assist remote team members
- Created re-usable, custom **Flutter** UI components according to TD standards to decrease development time in future projects
- Presented on the feasibility of adopting Google's Flutter framework to senior management within the Mobile Wealth division

Mynute
Hack the North 2019

- Created a secretary app that listens to your meetings when prompted, and transcribes clean, summarized notes for you using **Gensim** and **NodeJS** for the back-end, **React** for the front-end, **Voiceflow** for voice skill creation, and **Git** through **BitBucket** and **SourceTree** for version control

Find It! Painless Shopping
Personal Project

- Created an **Android** app to help Ottawa natives search a compilation of nearby retail stores for items of interest using **Java**, **JSoup**, the **Google Maps API**, and the **Adobe Creative Suite**

White Lily Casino
Personal Project

- Created a casino game to help a friend safely gamble using **Java**, **Avid Sibelius** for soundtrack composition, and the **Adobe Creative Suite** for UI
- Included a fully functional I/O-based user account system and an engaging game of Blackjack

Education

University of Waterloo (and Wilfrid Laurier University)   2018–2023
Bachelor of Computer Science / Business Administration Double Degree

Clubs and Societies: **Jeux de Commerce Central Laurier** (Case Competition Team), UW A Cappella Club's **Water Boys** (Current Co-Musical Director and previous Vice President / Media & Promotions Director)

Awards

Changemaker Innovation Challenge *(Runner-Up)*   April 2019
Placed 2nd out of 120 teams in a competition to map out the causes, existing solutions, and areas for improvement with respect to a current humanitarian issue.

Valedictorian   June 2018
Elected by the Earl of March graduating class of 2018 on the basis of academic excellence, leadership, and community involvement.