

Samer Sawan

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EDUCATION

McGill University

Montreal, QC

Bachelor of Science in Software Engineering

Sept. 2020 - Dec. 2023

- Relevant Courses: Algorithm Design, Data Structures and Algorithms, Software Validation, Software Design, Functional Programming, Requirements Engineering, Operating Systems, Parallel Programming

EXPERIENCE

Apple

June 2022 – Present

Specialist

Montreal, QC

- Consistently achieved top performance amongst peers by exceeding AppleCare and Activation targets by 20% for three consecutive quarters.
- Demonstrated strong problem-solving skills by assessing customer needs and providing personalized solutions, resulting in a 90% customer satisfaction rate for three consecutive quarters.
- Provided technical support for iCloud, iOS and macOS by troubleshooting and resolving customer issues promptly and effectively.

PROJECTS

Splendor | *Java, JavaScript, REST, Maven, Docker, JUnit, Spring Boot, Git*

- Developed backend game rules and logic in Java, integrating it with the frontend using REST API calls
- Implemented user authentication by integrating the backend with a Lobby Service.
- Wrote comprehensive unit tests for all API calls to ensure functionality and reliability.
- Created components for the frontend of the game using basic JavaScript.
- Containerized the frontend, backend, and database with Docker for ease of deployment.

Recipe App | *React Native, Axios, React Context, Firebase, Figma*

- Designed and built a recipe app that allows users to create, view, and delete recipes, as well as manage their groceries.
- Combined the use of Axios for efficient API calls to FireBase and React Context to create a seamless and user-friendly experience
- Implemented advanced search functionality based on category, cooking time, affordability, ingredients, and name.
- Developed language switching capability from English to Arabic, as well as iOS VoiceOver for enhanced accessibility

Discord Stat Bot | *NodeJS, Sequelize, SQLite, Puppeteer*

- Created a Discord bot that collects and presents user stats for various video games as an embed for easy viewing.
- Designed and implemented a SQLite database to store and manage user stats for leaderboard purposes.

Tweet Analyzer | *Python, Tweepy, Twitter API*

- Built a program that collects user sentiments about “GhostBusters:Afterlife” to compare public and critic opinions on websites such as Rotten Tomatoes
- Scraped and filtered a data set of 5000 to exclude spam and retweets

TECHNICAL SKILLS

Languages: Java, Python, C, OCaml, JavaScript, SQL, SQLite, HTML/CSS

Frameworks: NextJS, TailwindCSS, React, React Native, React Context, JUnit, Spring Boot, unittest

Developer Tools: AGILE Programming, Firebase, Git, Bash, Maven, Docker, AWS

Libraries: Pandas, NumPy, BeautifulSoup, Axios, Sequelize, Puppeteer