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Farah Amer

Software Developer

Experience

Full-Stack Software Developer Co-op
Royal Bank of Canada

May 2023 - August 2023

- Quickly learned the technologies necessary to contribute to one of the bank's largest piece of internal software that distributes and makes data accessible throughout the bank.

- Created crucial design components within the team's design system in order to improve developer experience in the future.

- Won a business case competition by automating the way in which the operational committee organizes their schedule and participated in implementing my team's solution.

Software Developer Co-op
Royal Bank of Canada - Amplify Program

May 2022 - August 2022

- Developed an application using React, Flask, S3, and TensorFlow/ PyTorch to build a machine learning tool that predicts future errors before they occur through error log analysis.

- Conducted research on our problem space and our potential users in tandem with Site Reliability Engineers and subject matter experts.

- Filed a patent for the data pre-processing of application level error logs to be fed into our machine learning model.

Web Developer Contractor
Albatros Elite Club

May 2021 - August 2021

- Developed and designed a job application portal to assist a new company in hiring its board of directors using React and Figma.

- Conducted several meetings to update the client on the progress of the project and include the client in all design and development choices.

- Set up the hiring manager's email to receive all applications from the portal and remained on-call throughout the hiring process in case any additional assistance was required.

Skills

Technical

HTML, CSS, JavaScript, React, Angular, Node, Express, Python, Flask, Java, C, C++, Bash, Figma, Adobe Illustrator, Adobe After Effects

Soft Skills

Team leadership, quick learning, design thinking, UI/UX design, creative problem solving

Languages

English (native), and Arabic (fluent)

Activities

Content Creation
@technicallyweb

- Started a TikTok account to teach a variety of technical concepts.

- Amassed over 200,000 views and over 10,000 followers within my first 4 videos.

- Taught myself Adobe illustrator and After Effects in order to create animated educational videos.

Hackathons
Hack The North, Elle Hacks, HackHer, Hack Lassonde

- Gained experience in ideation, presentation decking, quick learning, and creating business plans.

- Won a monetary award for my team's use of the Hammer of The God's EdgeML API at Hack The North.

- Assisted in organizing of tables, monitoring of events, and distribution of merchandise at Hack Lassonde.

Education

Queen's University

Bachelor of Computing (Honours)

Specialization in Software Design

09/2020 - 04/2024