

# Farah Amer

Software Developer

## Experience

### Full-Stack Software Developer Co-op

Royal Bank of Canada

May 2023 - August 2023

- Utilized React, Angular, Node.js, Flask, PostgreSQL, and C# to contribute to one of the bank's largest pieces of internal software that distributes and makes data accessible throughout the bank.
- Created crucial design components within the team's design system to speed up development time.
- 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 potential 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 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, TypeScript, Python, Java, C, C++, React, Angular, Node.js, Three.js, Express, Flask, Git, Docker, Postman, PostgreSQL, MySQL, Kubernetes, Figma, Adobe Illustrator, Adobe After Effects, Blender

### Soft Skills

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

### 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 few 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, design, presentation decking, quick learning, rapid software implementation, 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