

Yazan Armoush

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EDUCATION

University of Toronto

HBSc - Honours Bachelor of Science in Computer Science

Toronto, Canada

Sep 2021 – May 2025

EXPERIENCE

Flexiti

Software Engineer Intern

May 2023 – Aug 2023

Toronto, Canada

- Pioneered the development of a flexible, robust, and adaptable SDK that seamlessly integrates into a wide array of web applications such as React, Angular, and more, thus broadening merchant accessibility and support.
- Extensively navigated dynamic changes and predicted hurdles, resulting in an astonishing 15% reduction in project delivery time amidst evolving scope.
- Utilized Postman to detect API issues and alert engineering team, resulting in 83% of SDK errors being identified prior to deployment in the staging environment, leading to a more seamless QA testing process.

Bassem Labs

Software Developer Intern

May 2022 – Feb 2023

Oakville, Canada

- Drove the rapid development of a robust PDF generation library for report card PDFs within a 6-week timeframe (intern project) for generating report cards, student forms, etc.
- Elevated the front-end UX/UI, resulting in a notable streamlined experience and an impressive 32% reduction in IT support tickets for the specific page under my purview.
- Achieved an impressive 72% decrease in queries by reconfiguring the database models for student and report entries, thereby significantly boosting system responsiveness and speed.
- Developed GitHub Actions pipelines for seamless integration, accelerating feature delivery with precision while innovating a comprehensive suite of tests ensuring exceptional software quality and future-ready integration.

PROJECTS

Carbon Track — iOS - MacOS - Android | *EXPO, ReactNative, App Store Connect*

January 2024

- Engineered CarbonTrack, a user-friendly application compatible with iOS, Android, and macOS, enabling seamless tracking and reduction of personal carbon footprint. The app is readily available for download on the App Store.
- Integrated user authentication and ensured rigorous compliance with Apple privacy standards, delivering a secure and private user experience.

Hack The North - Health Harbor | *LLMs, Statistics, Data Science, Cohere, AI*

September 2023

- Led the development of a diverse tech stack, including CockroachDB, Flask, Typescript, React, and ChakraUI
- Trained model on enhancing medication classification, disease diagnosis, and medication recommendations.

texttoqrcode.com | *Jira, MongoDB, Firebase, Flask, Typescript, Postman*

March 2023 – Present

- Developed an application for QR code generation, allowing users to customize designs and error correction level.
- Implemented sign-in and sign-up functionality using popular platforms (Google, Apple, etc) via Firebase.
- Enabled users to create, store, and update QR codes with dynamic content redirection based on user preferences.

FaceVote - DeerHacks Hackathon Project | *React, Docker, Flask, MongoDB, OpenCV*

April 2023

- My team and I developed a robust and highly secure voting application incorporating advanced features such as facial recognition and ID matching.
- I approached the task by utilizing a set of algorithms that involves training the OpenCV model with a dataset of government ID images to establish facial recognition functionality.

TECHNICAL SKILLS

Languages: Typescript, Rust, C/C++, Java, Python, JavaScript, HTML/CSS, Swift

Frameworks: React, Node.js, Flask, JUnit, PyTest, Material-UI, Actix, Spring, .NET

Developer Tools: Git, Docker, MongoDB, Google GSuit, VS Code, CLion, PyCharm, IntelliJ, WebStorm, Linux, AWS

Libraries: OpenCV, NumPy, Matplotlib, ReportLab (PDF Generation), Bson, SHA256, RSA2048, RabbitMQ

Soft Skills: Communication, Problem Solving, Collaboration, Adaptability, Critical Thinking, Time Management, Attention to Detail, Learning Agility, Teamwork, Documentation