

Yazan Armoush

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EDUCATION

University of Toronto

HBSc | Honours Bachelor of Science in Computer Science

Toronto, Canada

Sep 2021 – April 2026

EXPERIENCE

Ezee Assist

May 2024 – Aug 2024

Software Engineer Intern | Slack API, Twilio, New Relic, Django

Toronto, Canada

- Implemented backend support for scheduled announcements across the web application, Slack, Twilio, and email, enabling timely and automated communication with users.
- Synchronized notifications between two systems, ensuring consistency across platforms. Worked with multiple teams to align event triggers and streamline message delivery.
- Integrated New Relic for real-time monitoring, allowing immediate error detection and rapid issue resolution before impacting users.

Flexiti

May 2023 – Aug 2023

Software Engineer Intern | AWS S3, Pingdom, ReactJS, ReactNative, Angular, Vue

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.
- Anticipated and mitigated scope changes, optimizing workflows to streamline development. This led to a 2-week reduction in project delivery time despite evolving requirements.
- Utilized Pingdom to detect API issues with screen recording included, alerting the engineering team and resulting in any SDK errors being identified immediately, enabling us, the development team to fix them effortlessly.

Bassem Labs

May 2022 – Feb 2023

Software Developer Intern | ReportLab, gRPC, Flask, MongoDB

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.
- Enhanced request bandwidth efficiency by utilizing gRPC Proto for handling Enums, significantly reducing payload size through compact integer serialization improving data transfer performance.
- 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.

TECHNICAL SKILLS

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

Frameworks: gRPC, React, React-Native, 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, Protobuf, 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