

# Huzaifa Fareed

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## EDUCATION

### Concordia University

Bachelor of Software Engineering

Montreal, QC

Sept. 2023 – June 2028

## EXPERIENCE

### Systems Engineer Intern

Bombardier

Montreal, QC

January 2026 – April 2026

- Improving internal engineering platforms by developing and maintaining web-based tools using **React**, **JavaScript**, and **HTML/CSS 2-3x daily** to support supplier and engineering workflows.
- Analyzing existing workflows and system integrations to identify gaps, then building **Power BI dashboards** and data pipelines to surface operational insights.
- Implementing **automated Unix script 4x/month** to improve user experience and reliability of recurring engineering processes.
- Working with restricted engineering documentations, applying **access control**, **data governance**, and **security best practices** across internal tools.

## PROJECTS

### Personal Portfolio | React, Vite, HTML, CSS, JavaScript, GitHub Pages

[Live Demo ↗](#)

- Built a **Single Page Application (SPA)** with React functional components, applied custom **CSS**, **JS** to ensure a consistent UI with deployment within **5 seconds**.

### Winner — MLH Best Use of Solana (McHacks 13) | Solana, Rust, Anchor

[Live Demo ↗](#)

- Built a blockchain platform enabling artists to **mint and tokenize their creative identity** on the **Solana blockchain**.
- Designed and deployed **Rust + Anchor smart contracts** supporting on-chain minting, transfers, and transparent transaction history.
- Won the **MLH Best Use of Solana Challenge** among hackathon teams for technical execution and responsible blockchain design.

### Gear-Pack | Next.js 16, TypeScript, Tailwind CSS, Supabase, Custom AI Agent (Backboard.io)

[Live Demo ↗](#)

- Coordinate group hikes and optimize gear packing using an **integrated AI Assistant (PackBot)** with user-specific memory threads.
- Secure **PostgreSQL** backend via **Supabase** and **Prisma** to manage relational data.

### EV Stock Market Prediction | Python, Scikit-learn, Streamlit, FRED API

[Live Demo ↗](#)

- Built an **ETL pipeline** processing over **5,500+ records**, integrating economic indicators via the **FRED API**.
- Computed **10+ technical indicators** and trained a **Logistic Regression model** achieving **90%** accuracy.

### Campus Events Web Application | HTML, CSS, JavaScript, Node.js, MongoDB, Docker, Git

[Live Demo ↗](#)

- Full-stack application with **role-based access control** supporting **500+** users.
- Designed and implemented **RESTful APIs** using Node.js and Express with MongoDB backend.
- Containerized deployment using **Docker** with automated CI testing via **SonarQube**.

### @Hack – Concordia Cybersecurity Hackathon

Montreal, QC

Participant, Team-Based Capture The Flag (CTF)

- Solved challenges in **web security**, **steganography**, and **digital forensics** using **CyberChef** and **Linux CLI tools**.

## TECHNICAL SKILLS

**Languages:** Java, TypeScript, Python, JavaScript, SQL

**Libraries/Frameworks:** React, Node.js, Express.js, Pandas, NumPy, Prisma

**Tools & Platforms:** Git, Docker, Jira, Supabase

**Relevant Courses:** OOP I, OOP II, Data Structures & Algorithms, OS, Data Analytics, Web Programming

## LEADERSHIP & HOBBIES

**Leadership:** Crew Chief & Sales @ Student Works. Leading a team of 3–5 employees.

**Hobbies:** Hiking, Fishing, Ultramarathon Running