Huzaifa Fareed

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EDUCATION

Concordia University — Montreal, QC
Bachelor of Software Engineering — *Sept. 2023 – June 2028*

EXPERIENCE

Systems Engineer Intern — Montreal, QC
Bombardier — *January 2026 – Present*
- 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

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