SAMI FARHAT

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J 514-581-2205

Quebec, Canada ◆ Canadian Citizen ◆ TN Visa Eligible



SFarhatComp

EXPERIENCE

Application Software Developer Boeing

Sept 2023 - Present

Montreal

- Full-Time (April 2024 Present)
 - Led the development and deployment of a pilot bidding platform, enhancing performance, reducing costs, and improving user experience.
 - Built services to authenticate via API tokens, retrieve or send data to REST endpoints, and store results in the database, replacing manual CSV imports with an automated one-click solution.
 - Enhanced and optimized common workflows by automating repetitive tasks, improving efficiency and reducing manual effort.
 - Managed system migrations and orchestrated versioned releases to client-facing environments, ensuring stability and minimal downtime.
 - Spearheaded the migration from Python 3.6 to 3.9 and from RHEL 8 to RHEL 9 across core services, collaborating directly with clients to ensure compatibility, reduce friction, and maintain operational continuity during upgrades.
- Internship (Sept 2023 April 2024)
 - Optimized back-end services in Python, automating workflows and gaining proficiency in Bash scripting and Oracle databases
 - Conducted product demos and gathered client feedback to align solutions with business requirements.

Operational Effectiveness Analyst - Intern BMO Financial Group

Sep 2021 - Jan 2022

Montreal

 Developed a TypeScript automation tool to streamline Excel workflows, reducing manual effort while addressing operational inefficiencies and proposing business process optimizations.

NOTABLE PROJECT

Real-Time Translation System Python, Docker, RabbitMQ, Raspberry Pi, Redis

- Developed a real-time translation system on Raspberry Pi using Python, containerized with Docker.
- Leveraged self-hosted models for offline translation and speechto-text, enabling fully local processing without internet dependency.
- Integrated Redis for caching, reducing computation time and improving system performance.

More projects available at: 🕥 SFarhatComp

ACHIEVEMENTS

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Certifications and Education

Completed Harvard's CS50 and multiple Udemy courses on algorithms and system design.

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Soccer Player Data Visualization

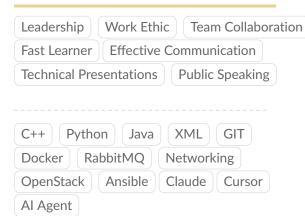
Used SQL and Grafana in a hackathon to analyze football player data and identify high-value prospects.



Volunteer Tutor

Tutored students in math and programming (Java, C++, Python) for 8 years.

SKILLS



EDUCATION

B.Eng. Computer Engineering Concordia University

Montreal

College Degree in Natural Sciences College de Bois-de-Boulogne

Montreal

LANGUAGES

