

SAMI FARHAT

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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 speech-to-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



Certifications and Education

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



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

Leadership

Work Ethic

Team Collaboration

Fast Learner

Effective Communication

Technical Presentations

Public Speaking

C++

Python

Java

XML

GIT

Docker

RabbitMQ

Networking

OpenStack

Ansible

Claude

Cursor

AI Agent

EDUCATION

B.Eng. Computer Engineering

Concordia University

Montreal

College Degree in Natural Sciences

College de Bois-de-Boulogne

Montreal

LANGUAGES

English

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French

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