

# SAMI FARHAT

@ sfarhat4@gmail.com    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 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    ● ● ● ● ●

French    ● ● ● ● ●