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.
  - Responsible for system migration and releases of new versions to client-side environments.
- **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.
  - Worked in Agile teams, emphasizing collaboration, problem-solving, and continuous improvement.

Operational Effectiveness Analyst - Intern
BMO Financial Group

📅 Sep 2021 – Jan 2022   📍 Montreal

- Developed a TypeScript automation tool to streamline Excel workflows, removing manual process time and effort.
- Analyzed operational inefficiencies and proposed solutions to optimize internal business processes.

NOTABLE PROJECT

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

- Developed a real-time translation system hosted on Raspberry Pi with Python.
- Used Docker for containerization and RabbitMQ for efficient message queuing.
- Designed and implemented self-hosted models for offline translation and speech-to-text processing.
- 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.
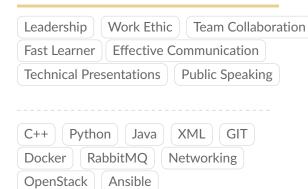
📈 **Soccer Player Data Visualization**
Used SQL and Grafana in a hackathon to analyze football player data and identify high-value prospects.

💬 **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

EDUCATION

B.Eng. Computer Engineering
Concordia University

📍 Montreal

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

📍 Montreal

LANGUAGES

English   ●●●●●

French   ●●●●●