

Salima Ammar

438-923-7690 | salimaammar7@icloud.com | [linkedin.com/in/salima-ammar/](https://www.linkedin.com/in/salima-ammar/) | github.com/salimaammarr | [portfolio](#)

EDUCATION

Concordia University

Bachelor of Engineering in Software Engineering

- Received the Women in Engineering Entrance Award.

September 2023 – May 2027

Montreal, Canada

EXPERIENCE

Bombardier Inc.

Intern - New Products Development (PLM)

September 2024 – Present

Montreal, Canada

- Automated data workflows using **Power Automate**, reducing manual effort by **67%** across the team.
- Developed a tool using **Python** to validate files, ensuring data integrity and compliance with project standards.
- Created **data models** using Capella ensuring design consistency and alignment with project requirements.
- Conducted **QA testing** on new tools within Teamcenter, enhancing system reliability and user confidence.
- Participated in the **Women in Engineering** program, receiving weekly one-on-one mentoring and collaborating with fellow interns to organize a scientific activity for "Les filles en sciences" event.

Desjardins Insurance

Technical Support and Digital Offer Agent

May 2023 – August 2024

Montreal, Canada

- Resolved technical issues for web and mobile applications, ensuring optimal functionality and user satisfaction.
- Identify and implemented digital solutions, improving client experience and operational efficiency.

PROJECTS

AI Medical Chatbot | *CI/CD pipeline, Docker, AWS, Pinecone, Groq API, Flask, Python*

[Github](#)

- Built a medical chatbot using **Python** and **Flask** to provide users with concise medical information.
- Utilized **LangChain** and **Pinecone** for document **embedding and retrieval**, enabling efficient responses.
- Implemented a **CI/CD pipeline** using GitHub to automate the deployment of the application to a AWS EC2.
- Used **Docker** for containerization, ensuring consistent and reliable application environments.
- Integrated **Groq API** for **NLP**, enabling the chatbot to understand and respond accurately.

Arithmetic Calculator | *Java*

[Github](#)

- Built an arithmetic calculator using expandable stacks, achieving $O(1)$ amortized push operations.
- Designed a precedence-based parser using stacks, achieving correct evaluation of nested expressions.
- Processed expressions from a file using stack computation, achieving automated result storage.

Packing list | *React*

[Github](#)

- Built a **React** application, using **useState** for managing the addition, deletion, and sorting of items.
- Implemented** sorting functionality that categorizes items, using JavaScript's sort and filter methods.
- Developed a progress tracking feature using **state-driven conditional rendering**.

Pets Adoption Website | *CSS, JavaScript, EJS, Node.js (Express)*

[Github](#)

- Developed a **full-stack** pet adoption website using **HTML5, CSS, JavaScript, and Node.js**.
- Enhanced interactivity using **Express.js** for server-side routing and session management with express-session.
- Employed **EJS** as the primary templating engine to **dynamically** render server-side views, which facilitated the seamless integration of server-side logic with client-side interfaces.

TECHNICAL SKILLS

Languages: Python, Java, C, HTML/CSS, JavaScript, Swift, C#, SQL

Frameworks: React, Bootstrap, Tailwind, Node.js (Express, EJS)

Tools: Linux, GitHub, MongoDB, Django, Jira, PostgreSQL, AWS, Docker

LEADERSHIP

SCS Concordia

Social Director

May 2024 – April 2025

Concordia University