

# Sara Andari

[sara.andari@icloud.com](mailto:sara.andari@icloud.com) | +1 (514) 793-0043 | [www.linkedin.com/in/sara-andari](https://www.linkedin.com/in/sara-andari) | Montreal, QC

## EDUCATION

**Bachelor of Computer Engineering (B. Eng.)** Montreal, Canada  
*McGill University* Sept 2022 - May 2026 (Expected)  
Relevant Coursework: Software Engineering Practice, Operating Systems, Electronics, Engineering Economy

**Exchange - Licence Informatique (UFR Mathématiques et Informatique)** Strasbourg, France  
*Université de Strasbourg* Jan 2025 - May 2025

Scholarship: Antje Graupe Pryor International Award in Engineering

## SKILLS

**Programming Languages:** Python, Java, C, Unix/Shell scripting, HTML, CSS, ARM Assembly, PHP, JavaScript  
**Frameworks/Tools:** VS Code, GitHub Copilot, OpenAI, Spring Boot, PostgreSQL, GitHub, IntelliJ, Eclipse, Vim  
**Hardware:** STM32 microcontroller (ARM Cortex-M), Arduino, Raspberry Pi, soldering, 3D printing  
**Methodologies:** Project Management fundamentals, Scrum (sprints, sprint planning), Waterfall; timelines, deliverables  
**Languages:** Fluent in French, English, Krio; Conversational in Arabic  
**Soft Skills:** Adaptable, team-oriented, determined, creative, curious, communicative

## PROFESSIONAL EXPERIENCE

**Atlas Copco Compressors Canada** Montreal, QC  
*Technical Support Intern* May 2024 - Sept 2024

- Managed customer relationships by resolving technical inquiries and providing guidance throughout the support process
- Collaborated with service teams on warranty claims and Engineering Change Bulletin (ECB) follow-ups
- Organized and maintained technical documentation across internal SharePoint channels

**Applied Systems Design & Analysis (ASDA) Inc.** Montreal, QC  
*R&D Intern* May 2023 - July 2023

- Contributed to the Energy Calculator design, coordinating requirements and deliverables across project milestones
- Reviewed 100+ pages of energy modeling documentation, presenting insights to stakeholders to support design decisions

**The Factory - Hardware Design Lab** Montreal, QC  
*General Manager and Communications Lead* Sept 2022 - May 2023

- Led workshops and trained peers on lab equipment (soldering, PCB, 3D printing)
- Organized and promoted hackathons and technical events; managed social media and marketing content reaching 500+ students

## PROJECTS

*McGill University*

**Capstone (in progress)** - Developing an open-source benchmark to evaluate LLMs' ability to generate code from domain models

**Online Game Store Management System** - Built Spring Boot/PostgreSQL web app for video game shop inventory and orders

**Autonomous Robotics System (Design Principles and Methods)** - Designed and programmed an autonomous fire-detecting robot in Python using sensors and grid navigation

*Université de Strasbourg*

**Portfolio Website** - Responsive portfolio built with PHP, HTML, CSS, and JS (<https://sara-andari-portfolio.onrender.com/>)

## OTHER EXPERIENCES

**La Bête à Pain** - Waitress and Cashier June 2022 - Sept 2022

**L'Oréal** - Hair Model: Top 6 in Canada for "Color & Style Trophy" May 2022 - Aug 2022

**Marianopolis College** - Physics Grader Aug 2021 - June 2022

**Centre of Dreams and Hopes** - Camp Monitor for Special Needs Clientele June 2021 - Sept 2021

**Collège Regina Assumpta** - Orchestra Volunteer Sept 2017 - Aug 2020