

Sara Andari

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EDUCATION

Bachelor of Computer Engineering (B. Eng.) <i>McGill University</i>	Montreal, Canada Sept 2022 - May 2026 (Expected)
Relevant Coursework: Software Engineering Practice, Operating Systems, Electronics, Engineering Economy	
Exchange - Licence Informatique (UFR Mathématiques et Informatique) <i>Université de Strasbourg</i>	Strasbourg, France 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 <i>Technical Support Intern</i>	Montreal, QC 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. <i>R&D Intern</i>	Montreal, QC 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 <i>General Manager and Communications Lead</i>	Montreal, QC 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

<i>McGill University</i>	
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