

Sara Andari

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www.linkedin.com/in/sara-andari

Montreal, QC

EDUCATION

Bachelor of Computer Engineering (B. Eng.)

McGill University

Montreal, QC
Sept 2022 - May 2026 (Expected)

Exchange - Licence Informatique (UFR Mathématiques et Informatique)

Université de Strasbourg

Strasbourg, France
January 2025 - May 2025

DEC: Pure and Applied Sciences

Marianopolis College

Dean's List - 2020-2022 Cohort

Montreal, QC
Aug 2020 - May 2022

DES: Domain of Science and Technology

Collège Regina Assumpta

Music String Orchestra Program & Honour Roll - 2018-2020 Cohort

Montreal, QC
Aug 2015 - June 2020

SKILLS

Programming Languages: Python, Java, C, Unix/Shell scripting, HTML, CSS, ARM Assembly

IDEs: Visual Studio Code, IntelliJ, Vim, PyCharm, Arduino, Thonny, Eclipse

Collaboration Tools: GitHub, Airtable, PostgreSQL

Hardware: Soldering, 3D Printing, PCB milling, Raspberry Pi

Languages: Fluent in French, English, Krio; Conversational Proficiency in Arabic

Soft Skills: Adaptable, social, detail-oriented, creative, determined, efficient

ENGINEERING EXPERIENCE

Atlas Copco Compressors Canada

Technical Support Intern

Montreal, QC
May 2024 - September 2024

- Resolved Level 1 technical support tickets, including special parts and service list requests
- Collaborated with service teams on warranty claims and ECB (Engineering Change Bulletin) follow-ups
- Managed and maintained documentation in internal SharePoint channels

Applied Systems Design & Analysis (ASDA) Inc.

R&D Intern

Montreal, QC
May 2023 - July 2023

- Performed pre-feasibility analysis and design of the Energy Calculator using Excel, HTML, CODERS DB, and SPINE
- Conducted in-depth research and formulated architectural proposals for the tool
- Advised and assisted in data collection efforts for the energy model

The Factory - Hardware Design Lab

General Manager and Communications Lead

Montreal, QC
Sep 2022 - May 2023

- Coordinated with other members to organize and promote events, such as workshops and hackathons
- Managed all of The Factory's various social media and created engaging infographics and marketing materials
- Held weekly office hours where I trained other students to use our equipment and answered their questions

PROJECTS

McGill University

Independent Game Shop Web - Intro to Software Engineering

Built Spring Boot/PostgreSQL web app for video game shop inventory, orders, approvals

Fall 2024

Fire-Fighting Robot Prototype - Design Principles and Methods

Built autonomous firefighting robot prototype using Python, sensors, grid navigation

Fall 2023

Arduino line-following robot - ForgeMcGill Hackathon

Built a line-following robot using limited tools (chassis, breadboard, IR sensors, an Arduino board, etc.)

Jan 2023

OTHER EXPERIENCES

La Bête à Pain / Waitress

June 2022 - Sep 2022

L'Oréal / Hair Model: Top 6 in Canada for "Color & Style Trophy"

May 2022 - Aug 2022

Marianopolis / Physics Grader

Aug 2021 - June 2022

Centre of Dreams and Hopes / Camp Monitor for special needs clientele

June 2021 - Sep 2021