

# Daniel Aleksandrov

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🐙 GitHub Profile

🌐 LinkedIn Profile

📁 Portfolio website

## EDUCATION

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### •Université du Québec à Montréal (UQAM)

2021-2024 (in progress)

Bachelor in Software Engineering and Computer Science

### •Vanier College

2017-2020

Diploma of College Studies, Social Science

## EXPERIENCE

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### •Exo

August 2019-Present

Security Officer

Montreal, Quebec

- **System Monitoring:** Oversaw real-time control systems, ensuring consistent operations and immediate identification of discrepancies.
- **Tech Integration:** Recommended and helped deploy updated security solutions, enhancing the effectiveness of surveillance and reporting systems.
- **Cross-Team Collaboration:** Worked closely with various departments to optimize security measures and operational effectiveness.
- **Threat Analysis:** Identified and assessed potential vulnerabilities within railway infrastructure.
- **Incident Management:** Led swift responses to security-related incidents, providing effective resolutions and minimizing disruptions.

### •Dic Ann's

June 2018- July 2019

Cook & Team Leader

Montreal, Quebec

- **Task Management:** Coordinated kitchen activities, ensuring timely preparation and delivery of orders.
- **Inventory Oversight:** Managed ingredient stock levels, anticipating and addressing shortages efficiently.
- **Problem Resolution:** Addressed and resolved kitchen-related challenges promptly.
- **Time Management:** Prioritized tasks effectively to meet peak service demands.
- **Team Collaboration:** Liaised with other departments to synchronize service operations.

### •Dollarama

May 2017- May 2018

Sales Associate

Montreal, Quebec

- **Customer Interaction:** Assisted customers in locating products, answering questions, and providing knowledgeable advice.
- **Tech Adaptability:** Utilized point-of-sale systems and other in-store technology for efficient operations.
- **Product Knowledge:** Maintained up-to-date knowledge of the store's product range, promotions, and pricing.
- **Operational Procedures:** Adhered to store policies and procedures, maintaining a safe and organized store environment.

## PERSONAL PROJECTS

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### •Atlas-Voyager (In progress)

Atlas-Voyager is a dynamic web application that combines Angular and NestJS to create an interactive 3D Earth model. Users can select a year and see markers at locations of historical events worldwide. Clicking on these markers reveals details about each event. This early-stage project aims to make learning history engaging and interactive.

- Tools & technologies used: Angular, NestJS, Wikipedia API's, TypeScript, HTML, CSS

### •EasyGoing

This mobile app offers weather updates, local activities, navigation routes, nearby hotels, and restaurant recommendations for any given address. It's your all-in-one travel and planning companion.

- Tools & technologies used: React Native, JavaScript, HTML, CSS, Python, Flask, Geological APIs

### •ZooAdopt

This full-stack web application enabling users to list and adopt pets. Crafted the frontend using vanilla HTML, CSS, and JavaScript. Backend built using Flask with Python and JavaScript integration, utilizing SQLite for database management..

- Tools & technologies used: Python, HTML, CSS, Javascript, Flask, SQLite Makefile

### •DebtGraph

This application utilizes graph data structures to compute and track debt and loan relationships among multiple banks. It provides a visual representation of these financial interactions, facilitating efficient management and monitoring of financial obligations between banking institutions.

- Tools & technologies used: C++, Makefile

## TECHNICAL SKILLS

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**Languages:** C++, C, Java, Python, JavaScript, Flask, HTML, CSS

**Developer Tools:** GitHub, MakeFiles, NPM, JUnit, GitLab CI/CD

**Frameworks:** React, Bootstrap, Qt

**Soft Skills:** Adaptability, Problem Solving, Teamwork, Critical Thinking, Attention to Detail, Time Management, Ownership and Accountability

**Coursework :** Data Structures and Algorithms, Databases, Algorithmic , Computer Graphics, Software Engineering: Analysis and Modeling, Operating Systems, Organisation of Computers (Assembly)