

ABDELMALEK ANES

Montreal, H3W (Open to Remote) | (514) 632-6771 | ab_anes@live.concordia.ca

[LinkedIn](#) | [GitHub](#) | [Website](#)

Languages: French, Spoken & Written | English, Spoken & Written | Arabic, Spoken & Written

SUMMARY OF SKILLS AND QUALIFICATIONS

Front End | React, Next.js, Tailwind CSS, MUI

Back End | Java, C#, C, C++, Python, Javascript, NodeJS, Erlang, Clojure, PHP, SQL, NoSQL, Supabase, Neo4J

Other | MS Azure, Power BI, Power Automate, Junit, Vercel, Git

WORK EXPERIENCE

Software Developer Intern at Bombardier Inc. / Dorval, Montreal QC

Summer 2023

- **Advanced Database Management:** Utilize filtering to extract and analyze employee data, employing Power BI and DAX for comprehensive reporting and insights
- **Day-to-Day Task Automation:** Streamline routine processes using Python, Power Automate, and Excel VBA to enhance operational efficiency and accuracy
- **SQL Database Hosting on Microsoft Azure:** Leverage Azure's cloud capabilities to host and manage SQL databases, ensuring scalability, high availability, and secure access to database services
- **Presented Automation Benefits:** Delivered a presentation to senior management outlining automation's efficiency gains, cost reductions, and accuracy improvements for the department

PROJECTS

Othello Strategy Game / Concordia University, Montreal QC

Summer 2022

Develop an oriented strategy game, implement a robust back-end architecture and the ability to load a previously saved game

Resources/Libraries used: Java

Custom ADT / Concordia University, Montreal QC

Fall 2022

Create a custom ADT to store large numbers of objects, optimize storage and time complexities, implement optimized working methods to manipulate the data

Resources/Libraries used: Java

Simple Data Visualizer / Concordia University, Montreal QC

Winter 2024

Benchmark and visualize the performance differences between Pandas and Polars, Use interactive charts to display speed comparisons across various data tasks

Resources/Libraries used: Python, Pandas, Polars

EDUCATION

Vanier College - DEC, Health Science

2019-2021

Concordia University - Bachelor of Engineering, Software Engineering

2022-2025