

Dylan Batista-Moniz

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Education

Polytechnique Montréal

M.Ing. Computer Engineering – Data engineering & analysis

2023 – May 2025 | Montréal, QC

Polytechnique Montréal

BS. Software Engineering

2018 – May 2023 | Montréal, QC

Noteworthy classes taken : Data Structures & Sorting Algorithms, File Systems & Databases, Computer Networking, Big Data, Distributed Systems & Cloud Computing, A.I. Methods & Algorithms

Technical Skills

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dylan@batista-moniz:/technical-skills$ ls
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Python	■■■■■	JavaScript	■■■■■	TypeScript	■■■■■	SQL	■■■■■	C++	■■■■■	Java	■■■■■
Angular	■■■■■	React	■■■■■	Node.js	■■■■■	Express.js	■■■■■	MongoDB	■■■■■	Git	■■■■■
Docker	■■■■■	Linux	■■■■■	AWS	■■■■■	Agile	■■■■■	DevOps	■■■■■		

Experience

Data Analyst Intern

Bell Canada

May 2022 – October 2022 | Montréal, QC

Queried and analyzed data related to Bell's network to find and fix issues impacting the experience of clients. Worked closely with Data Engineers and Network Engineers and was involved in the implementation of new network solutions.

Skills used: SQL – Trino (SQL) – Python – Hadoop – hive – Splunk – MicroStrategy – Excel – Linux – Networking

Oversaw:

- Writing queries and scripts to obtain data related to Bell's network.
- Analyzing data to find issues, patterns and to predict and evaluate impacts of changes in the network.
- Configuration of servers related to the initiatives of the team.

Software Automation Engineer Intern

Bell Canada

September 2020 – September 2021 | Montréal, QC

Automated various tests using the Selenium framework & Appium automation tell. Worked closely with Network Engineers and Network Architects in an Agile work environment.

- Skills used: JavaScript – Node.js – Express.js – Python – Ruby – MongoDB

Oversaw:

- Automating tests that were previously done manually on smart devices.
- Developing a RESTful API used to transmit documents from dockerized environments to remote servers.
- Developing a data visualization tool able to collect JSON documents from a MongoDB database and generate graphs from the same data.

Projects

Online platform for professional drone pilots looking for work

Technologies used: MongoDB – Express.js – React.js – Node.js – Firebase

Oversaw:

- Development of the RESTful API to enable the communication between the React app and the server
- Deployment of the system on Google Cloud

Online drawing platform to draw with friends

Technologies used: MongoDB – Express.js – Angular – Node.js – Kotlin

Oversaw:

- Development of the RESTful API to enable the communication between the Android app, the desktop app and the server
- Deployment of the server on AWS