

# Tristan Leclair-Vani

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## EDUCATION

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### McGill University

*Bachelor of Science | Major in Computer Science | Minor in Psychology*

**Montreal, Quebec**

2020-2024

### Cegep Lionel-Groulx

*Diploma of collegiate studies | Computer Science and Mathematics*

**Ste-Therese, Quebec**

2018-2020

## WORK EXPERIENCE

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### Flo EV in Back-end Development

**Laval, Quebec**

*Intern*

*Summer 2023*

- Engineered and optimized applications using C# and the .NET framework, focusing on cloud modernization
- Transitioned services from an OCPI .NET monolith to Azure-hosted microservices, enhancing scalability and performance
- Leveraged ASP.NET, Entity Framework, and MSSQL to improve application performance
- Containerized services and orchestrated their deployment in Kubernetes clusters on Azure, substantially increasing deployment efficiency
- Engaged in containerizing integration tests using Docker and Testcontainers, achieving over 80% code coverage across projects

### Alithya in Front-End Development

**Laval, Quebec**

*Intern*

*Summer 2022*

- Engineered responsive user interfaces using TypeScript and React for multiple projects
- Employed Material UI and Storybook to enhance UI design and ensure component reusability

### Inpowr Startup in Healthcare Technology

**Laval, Quebec**

*Intern*

*Summer 2021*

- Used Jira and some C# to interface between the PM and the solo developer to help develop their mobile app

## PROJECTS

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### Media Coverage Analysis

**Laval, Quebec**

*Developer*

*2022-2023*

- Gathered API data with various python scripts, refined a topology and completed human coding on our data
- Used numpy, pandas and matplotlib for textual analysis on our dataset, extracting TF-IDF scores from articles
- Produced a 6 page report on the results with plots and full analysis

### Sprint Boot and JavaFX game

**Laval, Quebec**

*Developer*

*2022-2023*

- Developed a multiplayer board game, integrating JavaFX for the frontend and Spring Boot for the backend
- Implemented a REST API and user interface to facilitate real-time multiplayer interactions and significantly enhance user experience
- Managed CI/CD with Maven and orchestrated services using Docker Compose, optimizing development and deployment processes

## SKILLS & INTERESTS

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**Skills:** Java, C#, Dotnet, Python, React, Docker, Unity Engine, Unix, Bash, Maven, NuGet

**Languages:** Native English and French

**Interests:** games (tabletop and video), AI, music, ultimate frisbee, writing, game design