

# Ilias Allek

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My Personal Website : <https://www.iliasallek.com>

My GitHub : <https://www.github.com/Allek97>

## WORK EXPERIENCE

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### Data Analyst Intern

Ministry of Transportation of Quebec

May 2019 – September 2019

Montreal, QC

- Implementing a multicriteria analysis tool for construction projects of \$5+ millions (Excel charts/VBA).
- Simulating data and writing dominance tests to determine the best preliminary option for a construction project
- Participating on a study about an analysis of the impact of noise barriers on residential property values
- Handling and cleaning sampling databases that will be used for statistical tests (SQL-Access)
- Implementing permutation tests to test the robustness of model by varying several parameters (Python)
- Effectively communicating the study's methodology and results to non-technical colleagues

## EDUCATION

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### University of Montreal

Bachelor of mathematics with minor in statistics, GPA: 3,57

February 2021

Montreal, QC

## MAIN PROJECTS

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### Hiempsal Shopify E-commerce

June 2022

<https://hiempsal.vercel.app>

NextJS, Typescript, Mongoose, Shopify Storefront API, RTL, Cypress

- Fully functional e-commerce online shop powered by Shopify Storefront API and my own NextJS express server. It's mainly built using NextJS and Typescript with a scalable, reusable, and tested code with a modern UI

### My Portfolio Website

September 2021

<https://iliasallek.com>

Gatsby, GraphQL, Contentful, Framer Motion

- My personal site which contains all my projects with all the necessary details of the process of building them

### Stockersa

August 2021

<https://stockersa.netlify.app>

React, SCSS, NodeJS, Express

- A visually animated app that provides financial news, data and commentary including stock quotes, business news, financial statements, expense reports and key information about companies

### Explodii

June 2021

<https://explodii.netlify.app>

React, SCSS, NodeJS, Express, MongoDB, Postman

- Full stack application with many features that allows you to book excursions with unique themes, write reviews, manage your account and much more

### Quest

February 2021

<https://yourquest.netlify.app>

React, SCSS

- Quest is an interactive app that allows you to run multiple pathfinding and perfect maze generation algorithms

## SKILLS

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- **Programming Languages:** JavaScript, Typescript, Java, Python, SCSS/CSS/Styled-Components, VBA
- **Frameworks and Databases:** React, NextJS, Gatsby, Express, MongoDB, Mongoose
- **Tools:** Git, Postman, Figma