

Maxime Antoine

Software Engineer - Artificial Intelligence - University of Montréal

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About Me

Programming

React.js (3 years) - Node.js (3 y) - Python (3 y) - TypeScript (2.5 y) - Express (2.5 y) - GraphQL (1.5 y)

Media

Illustrator (3 years) - Premiere Pro (2 y) - Photoshop (2 y) - Lightroom (2 y)

Experience

Inmedia Technologies

Montréal, Canada

Front-end React engineer / Machine learning engineer

Jan 2021 - Now

- Optimized their front-end production build by 80% by transitioning the application from Webpack 2 to Webpack 5
- Created multiple React components used by more than 10,000 users concurrently at peak periods, focussing primarily on reducing the number of server calls and react re-rendering.
- Developed different machine learning models focussing on recognizing cheating on exams. Using different clustering mechanism to find, across 10,000 copies, students with the same answers.

Sitecore

Brussels, Belgium

Junior front-end React engineer

Nov 2019 - July 2020

- Transitioned their whole front-end application from Knockout.js to React.js with TypeScript.
- Created a complete testing structure using react-testing-library and Jest.

Education

Université de Montréal

Montréal, Canada

Master's in Computer Science option Artificial Intelligence

Sep 2020 - Now (expected July 2022)

- Focus on Deep learning learning and using the latest technologies (A-)
- Master thesis focussing on real-time cognitive workload on airline pilots in conjunction with Bombardier and CAE

Vrije Universiteit Brussel

Brussels, Belgium

Bachelor in Computer Science

Sep 2016- June 2019

- Learning the fundamentals of computer science with a focus on Web Technologies

Projects

Bridger AI

SAAS application bringing automation and AI solutions to SMB

- MERN stack with GraphQL
- Used by one company and currently expanding to multiple ones in Belgium

PharmaShyft

Online scheduling software for pharmacies in Belgium

- MERN stack with GraphQL
- Currently under development for one pharmacy