

MAXIME LAROCHE

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EDUCATION

Bachelor of Software Engineering Polytechnique Montréal GPA : 3,36 Excellence scholarship received at admission.	2020 - 2023
Bachelor of Electrical Engineering Polytechnique Montréal Excellence scholarship received at admission. Changed to software engineering due to changed interests	2018 - 2019

PROJECTS

Online scrabble game	2021
<ul style="list-style-type: none">· Collaboration with a team of six to implement an online scrabble game· Agile development· Angular used for client application, socket-IO for syncing games, NodeJS for server-side logic and MongoDB for data persistence· Learn about time and project management	
Autonomous Car	2021
<ul style="list-style-type: none">· Little car that can navigate in its environment using ATmega324PA microprocessor· Use of Ultrasound sensors to make sense of obstacles· Project realized with C++· management of the team to ensure good collaboration and to make sure due dates are respected	
TCP File Server	2021
<ul style="list-style-type: none">· Design of a cloud local network cloud storage application using java· Made to share large files between computers on a local network	

EXPERIENCE

Full stack engineer <i>Morgan Stanley</i>	May - August 2022
<ul style="list-style-type: none">· Design and implementation of a website + back end server using react and spring boot.· Database deployments based on liquibase· writing end to end and unit tests	
Service engineering <i>Bombardier</i>	January - August 2020
<ul style="list-style-type: none">· Design of data collection and analyzing software made to optimize workflows within the company.· Learning a new language (VBA) on the spot· Project made with iterative design· Ground support equipment design.	

GENERAL KNOWLEDGE

Programming languages	C++, Java, Python, Typescript, JavaScript
General tools	Angular, React, NodeJS, Spring boot, Spring data, Git
Languages	French and English