

MAXIME LAROCHE

Montréal, Québec

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EDUCATION

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| 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

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| 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

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|---|-----------------------|
| 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

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