

Maxime Mulder

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🌐 MaximeMulder
in maxime-mulder

INTERESTS

Software engineering
Programming languages
Research



ASSETS

Adaptability
Autonomy
Communication

LANGUAGES

French
Native
English
Fluent

PERSONAL PROJECTS

Clam 
Small statically typed functional programming language written in OCaml
Lif 
Small dynamically typed object-oriented programming language written in Rust

INTRODUCTION

After completing my software engineering studies in France and obtaining a computer science master's degree in Canada, I am now looking for a software development or research opportunity.

SKILLS

General
Software engineering, web development, low-level programming, research
Programming languages
Rust, C/C++, Python, Javascript/Typescript, Java, C#, PHP, Haskell, OCaml
Technologies and frameworks
Linux, Git, Docker, Node.js, Webpack, React, Laravel, SQL databases, L^AT_EX

EXPERIENCE

Research assistant	Summer 2022 and April 2023
Université du Québec à Montréal	
Supervisor	Étienne M. Gagnon
Mission	Research on my thesis and writing of an academic paper Development of an OOP language interpreter in Java
Full stack developer	January to December 2019
Digisoft, Rouen, France	
Mission	Lead development, deployment and maintenance of an internal ERP software
Features	Ticketing system, real-time call and notification system, billing system, employees and clients account management system
Technologies	Typescript, PHP, React, Laravel, SQL database, Redis, Node.js, Webpack, REST APIs, Debian and Apache servers
Software developer	April to June 2018
Alstom, Rouen, France	
Mission	Development of an internal electrical modeling software
Features	Architecture improvement, interactive data entry and modelization system, data calculation and visualization system
Technologies	C++ and Qt library
Software developer	September to October 2017
Doqboard, Rouen, France	
Mission	Various improvements to a surgery surveying software
Technologies	C++ and wxWidgets library

EDUCATION

Computer Science Master's Degree	2021-2023
Université du Québec à Montréal	
CGPA	4.23/4.3
Notable courses	Compilers, virtual machines, data structures, cybersecurity
Software Engineering Master's Degree	2016-2021
CESI Engineering School, France	
Notable courses	Software engineering, web development, databases, operating systems, data science, robotics, networks