

Maxime Mulder

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in maxime-mulder

INTERESTS

Programming languages
Type systems
Compilers
Systems programming

PROGRAMMING LANGUAGES

Imperative
Rust, C, C++, Java, Python,
Javascript...

Functional
Haskell, OCaml

LANGUAGES

French
Native language

English
Fluent

INTRODUCTION

After completing software engineering studies in France and continuing an academic exchange to obtain a computer science master’s degree in Canada, I am now looking for a PhD in programming language research.

EDUCATION

Computer Science Master	2021-2023
Université du Québec à Montréal	
CGPA	4.23/4.3
Notable courses	Compilers, virtual machines, data structures, cybersecurity
Software Engineering Degree	2016-2021
CESI Engineering School, France	
Specialization	Software development
Notable courses	Software, web, operating systems, robotics, databases
High School Diploma	2016
Institution Jean-Paul II, France	
Notes	Scientific option; with honors

PUBLICATIONS

“Énumérations évoluées pour langages à objets”
Master’s thesis based on a subject by my supervisor Étienne M. Gagnon

“Evolved enumerations for object-oriented languages”
English summary of my master’s thesis

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
Teaching assistant	Winter 2022
Université du Québec à Montréal	
Course	Programming language creation
Mission	Supervision of the lab sessions for this course
Full stack developer	January to December 2019
Digisoft, France	
Status	Internship & Freelance
Mission	Lead development, deployment and maintenance of an internal ERP software
Technologies	Typescript, PHP, React, Laravel, MySQL database, Debian servers
Software developer	April to June 2018
Alstom, France	
Status	Internship
Mission	Development of an internal electrical modeling software
Technologies	C++ and Qt library