

# 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

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

## PUBLICATIONS

<i>“Énumérations évoluées pour langages à objets”</i>	
Master's thesis based on a subject by my supervisor Étienne M. Gagnon	
<i>“Evolved enumerations for object-oriented languages”</i>	
English summary of my master's thesis	

## EXPERIENCE

<b>Research assistant</b>	Summer 2022 and April 2023
Université du Québec à Montréal	
<b>Supervisor</b>	Étienne M. Gagnon
<b>Mission</b>	Research on my thesis and writing of an academic paper
<b>Teaching assistant</b>	Winter 2022
Université du Québec à Montréal	
<b>Course</b>	Programming language creation
<b>Mission</b>	Animation of the course's laboratories
<b>Full stack developer</b>	January to December 2019
Digisoft, France	
<b>Status</b>	Internship & Freelance
<b>Mission</b>	Lead development, deployment and maintenance of an internal ERP software
<b>Technologies</b>	Typescript, PHP, React, Laravel, MySQL database, Debian servers
<b>Software developer</b>	April to June 2018
Alstom, France	
<b>Status</b>	Internship
<b>Mission</b>	Development of an internal electrical modeling software
<b>Technologies</b>	C++ and Qt library