



# Valentin Berger

## Looking for an Internship as an Engineer in Computer Science, Artificial Intelligence



### Contact



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<https://www.linkedin.com/in/valentin-berger-075800155/>



#### Skype

valentin.berger



#### GitHub

<https://github.com/Cynnexis>



### Languages



#### French

Native language



#### English

Fluent, C1 Level (CEFR),  
TOEIC 955/990



#### Spanish

Basic command



### Interests



Running



Writing



Computing



Space



### Diplomas

#### Master's Degree in Artificial Intelligence

2019 – Today

Université Lyon 1, double degree with Computer Engineering curriculum

#### Computer Science & Engineering Student at Polytech (Lyon, France)

2017 – Today

Polytech Lyon, 5<sup>th</sup> year of study

#### First and second year of a Bachelor's Degree in Computer Science and Mathematics

2015 – 2017

Université Grenoble Alpes, two years of preparatory class for Polytech



### Professional Experiences

#### McMaster University & TOTAL

McMaster is a university located in Hamilton, Canada. TOTAL is a French petroleum company.

September 2018 to January 2019 – 5 months

Research internship in Mathematical Optimization. The goal was to handle the formulation of a mathematical model on an oil refinery in order to manage the uncertainty of shutting down machines for different durations.

- Wrote a multiperiod model,
- Understand how mathematical optimizers work,
- Contributed to a scientific journal,
- Implemented a GUI in HTML, CSS, PHP and JavaScript.

#### STMicroelectronics Crolles

A manufacturer of semiconductors

July and August 2017 – 2 months

Temporary job as operator in clean-room

- Maintained machines in the Lithography area.

June 2016 – 1 month

Internship at a company as a developer assistant

- Used a statistical model to control products quality on the assembly line,
- Designed an application in C# using .NET framework.



### Skills

#### Operating Systems

Linux (especially Ubuntu), Windows XP, 7, 8 and 10

#### Softwares

Full command of Microsoft Office, LibreOffice, OpenOffice and Google Docs

Excellent command of Visual Studio 2019, Eclipse, Android Studio, IntelliJ and git

#### Programming Languages, Scripts and Frameworks

- C, C++, C#, Java, Python and LaTeX
- HTML5, CCS3, JavaScript, PHP, OracleSQL, R, Matlab and GAMS
- Basic command of Qt (C++ Framework), VueJS and Firebase