



# Valentin Berger

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



## Contact



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### 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

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

2017 – Today

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

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

2015 – 2017

Université Grenoble Alpes



## Professional Experiences

### McMaster University & TOTAL

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

September 2018 to January 2019 – 5 months

Research internship the 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 duration.

- Wrote a multiperiod model,
- Understand how mathematical optimizers work,
- Contributed to a scientific journal,
- Implemented GUI with 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

UNIX Systems (especially Linux), Windows XP, 7, 8 and 10

### Softwares

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

Excellent command of Visual Studio 2015/2017, Eclipse, Android Studio and IntelliJ

### Programming Languages, Scripts and Frameworks

- C, C++, C#, Java, Kotlin, Python and LaTeX
- HTML5, CSS3, JavaScript, PHP, OracleSQL, R, Matlab and GAMS
- .NET Framework, Laravel (Symfony-like Framework)