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

Contact

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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, 5th 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 applicaton 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