

# Antoine Champion

## Software Engineer

Paris, France

### Skills

Manage or realize IT and data-oriented projects  
Conduct projects into production  
Product drafts and specifications

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Driving license  
27/03/1997

### Programming

C# • JS/TS • C • C++ • Python

### Frameworks

.NET • ASP • Node • React

### Provisioning

Docker • Kubernetes • Github Actions

### Cloud

Azure • AlibabaCloud • Scaleway

### Shells

Bash • Powershell

### OS

Linux • Windows

## Education

### School

2020 • Engineering school (MSc / Grandes Écoles), Arts et Métiers ParisTech  
2017 • Intensive undergraduate in mathematics, Lycée Jules Ferry, Versailles  
2015 • High-school diploma, Lycée Georges Cabanis, Brive-la-Gaillarde

### Certifications

2020 • Offensive Security Certified Professional (OS-80497)  
2018 • [Machine Learning, Neural Networks and Deep Learning](#), [Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization](#), [Convolutional Neural Networks](#), [Structuring Machine Learning Projects](#), [Sequence Models](#) - Stanford University

## Expérience

### Valorissimo

Software Engineer

Since Feb. 2021  
Issy les Moulineaux, France

**Technologies:** JS, Bash, Kubernetes, Azure

- Development of a data connector between a web platform and a CRM (Hubspot).

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**Digigladd**  
Software Engineer

Aug. 2019 - Feb. 2021  
Paris 8, France

**Technologies:** C#, ASP.NET, Node.js, React, Python, Tensorflow, Keras, Kubernetes, C/C++

Key account consultant on various applicative, web and AI projects.

- Realization of a signal processing library in C/C++.
- Design, development and integration of a deep learning pipeline for an advertising regulator to analyze age and gender based on hundreds of hours of videos.
- Acquisition of online retailers, rebuilding e-commerce platforms from scratch and implementing referral systems to maximize engagement and revenue.

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**A&M Junior Entreprise**  
Software Engineer

Nov. 2018 - Jun. 2019  
Lille, France

**Technologies:** C#, .NET Core, Google OR-Tools

- Automated resolution of a logistics and task planning problem for a transport company.

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**CRAN**  
Open-source developer

Aug. 2016 - Sep. 2018

**Technologies utilisées :** R language

- Creation and maintenance of an extension to the R programming language allowing the use of functional programming paradigms (pattern-matching, nullables...).

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## Personality

### Hobbies

Geopolitics, science, technology watch, music production and travel. I went 2 months to Hai Phong in Vietnam to teach French to Vietnamese children (summer 2019).

### Projects

- [Scientific publication](#) of a method for generating highly metamorphic assembler code using recurrent networks.
- Contributor to the open-source chess AI [Stockfish](#).
- Occasional [writer](#) for the journal Towards Data Science on Medium.