

Théophile Champion

Medical research, FTC

Education

- 2012–2015 **Scientific Baccalaureate (A-level)**, *Saint-Ursule, Tours, with distinction.*
Mathematics speciality
- 2015–2020 **Expert in Information Technology**, *Epitech, Nantes.*
Master's level with a projet pedagogy aiming to create autonomus and skilled IT professionals
- 2018–2019 **Advanced Computer Science - MSc**, *Kent University, Canterbury.*
Computational Intelligence speciality

Professional experience

- Sept 2016 **Intern as Web Developer**, *Inéance, Brest.*
Four months of internship during which I have developed a web application for veterinarians.
- April 2018 **Intern as Data Scientist**, *OwnPage, Paris.*
Five months during which I have improved a recommender system running on AWS.

Computer skills

- C language **Procedural Programming**, *Concurrency, parallelism and networking.*
I have developed clients and servers implanting the FTP and IRC protocol, a simple virtual machine and a network wherein some artificial intelligences can evolve.
- Python Java **Object oriented programming**, *Design patterns.*
- C++ Acquired by creating an artificial intelligence to play five-in-a-row using Monte Carlo Tree Search and heuristics on different patterns.
- Scala Spark **Functional programming**, *Distributed system.*
Learned by developing a system for recommending newsletters' articles using SVD algorithm and EC2 instances.
- PostgresSQL **Relational database and flat storage.**
- S3 Obtained by developing a veterinarians appointment booking website using ZendFramework2.
- TensorFlow **Machine Learning**, *Supervised, unsupervised and reinforcement learning.*
- Octave I frequently follow online courses (via MOOCs), watch conferences, read books and train on Kaggle problems.

Languages

- | | | |
|---------|-------|-----------------------|
| French | C2 | <i>Native speaker</i> |
| English | B2/C1 | <i>Advanced level</i> |

Centers of interests

- Classial music I like to play and listen piano, e.g. Beethoven and Chopin.
- Games I particularly like strategy games, e.g. Go, Chess.

Woolf College, Giles Lane – Canterbury CT2 7BQ – UK

☎ +44(0) 75.52.54.70.07 • ✉ tmac2@kent.ac.uk