

Boris FLESCH

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Education

Trinity College Dublin

MSc Computer Science, Intelligent Systems

Key Modules: Machine learning, Adaptive applications, Artificial Intelligence, Security & privacy, Internet of Things.

Ireland

Expected September 2021

University of Strasbourg

BSc Computer Science (Licence)

Key Modules: Data Structures and Algorithms, Network algorithms, Arithmetic and cryptography, Artificial intelligence.

Result: Graduation with high honours.

France

July 2020

Research Interests

Master's dissertation: Data Privacy Framework for MND Clinical Studies within the European Union. Supervised by Prof. Gaye Stephens.

Domains of interest: Information security and privacy; Intelligent systems; Health Informatics

Professional Experience

F. Hoffmann-La Roche

Intern & Part-time Information Systems Engineer

Kaiseraugst, Switzerland

May 2019 – Present

- Created instruments usage visualization tool to reduce laboratories costs over the long term
- Implemented a reservation tool monitoring thousands of labs instruments in real time
- Automated projects processing requests scaled for the entire company, drastically reducing processing time
- Migration and enhancement of automated laboratories instruments analysis data architectures

Deep Block SAS

API Development & Security Contractor

Paris, France

December 2019 – July 2020

- Designed a secure API for communication between *FinTech* and *LegalTech* French leading startups
- Implemented an enrolment endpoint ensuring KYC compliance
- Implemented communication with VitalSign API to automate documents signature process through blockchain
- Charged of project management, software engineering and security

Teaching Experience

Contractor / Individual company

Programming tutor

Strasbourg, France

2016 – 2020

- Contractor in Authorized Training Organization Offices
- Lesson preparation according to students skills and profiles
- Follow-up on students labs and exercises

Additional Experience

MIT & Institut Curie

Hackathon – MIT Hacking Medicine

Paris, France

June 2018

- Three-day hackathon created by the MIT in partnership with the Institut Curie (Paris)
- Team composed of students in computer science, medicine and business
- Design of a complete solution in "Public health" to help smokers quit smoking

Technical skills

Programming: C, C#, Python, Java, MatLab, SQL, SPARQL, Web development (HTML, CSS, JS, PHP, NodeJS, frameworks)

Software: Microsoft Office, Git, Oracle APEX, Postman, Unity

Languages

French

Native speaker

English

Fluent (C1)

German

Basic (B1)