

MICHELE MINELLI

PERSONAL DATA



PLACE AND DATE OF BIRTH: Parma, Italy | 25 December 1992
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WORK EXPERIENCE

- Oct. 2019 – **SONY Europe**, Brussels, Belgium.
R&D Center Europe Brussels Laboratory
- Apr. 2022 – **Master Software Engineer**
Responsible for
- Designing and leading the implementation and deployment of larger software products
 - Defining and implementing proper software quality strategies
 - Gathering business requirements and translating them into technical requirements
 - Regularly updating management about latest market/technology trends, to help shaping long and short term strategic decisions
- Oct. 2019 – Mar. 2022 **Senior Software Engineer**
Responsible for
- Designing and implementing large, core system features
 - Maintaining a high level of quality through scrupulous testing, code reviews and debugging
 - Automating software testing and deployment through CI/CD pipelines
 - Improving the communication between leading technical figures and the rest of the development team
 - Coaching younger engineers, helping with debugging code, and encouraging best coding practices.
- Nov. 2018 – Oct. 2019 **ALTEN**, Nice, France.
C++ back end developer for **Amadeus IT Group**
Payments division - Credit card transactions
- Feb. 2017 – Jul. 2017 **CryptoExperts**, Paris, France. (Internship)
Implementation of Fully Homomorphic Encryption schemes

SKILLS

Programming languages: Python, Rust, Java (also for Android development), JavaScript, TypeScript, bash, C, C++
Tools and services: Linux, Docker, Kubernetes, Helm, AWS, Azure, SonarQube, git, GitHub Actions, Ethereum, Bitcoin

EDUCATION

- 2015 – 2018 **Ph.D. in Computer Science - Cryptography**
École normale supérieure (ENS), Paris, France.
Research topic: “Fully Homomorphic Encryption for Machine Learning”.
- 2013 – 2015 **Master’s Degree in Computer Engineering**
University of Parma, Parma, Italy.
- 2010 – 2013 **Bachelor’s Degree in Computer Engineering**
University of Parma, Parma, Italy.

LANGUAGES

- ITALIAN: Mother tongue
ENGLISH: Full professional proficiency
FRENCH: Professional proficiency