

# Alberto SONNINO

<https://sonnino.com>

## PERSONAL DATA

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PLACE OF BIRTH: Brussels, Belgium  
LOCATION: London, United Kingdom  
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## INTERESTS

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I am a Research Scientist at Facebook Novi based in London. Before joining Facebook, I was a co-founder and researcher at chainspace.io which built a scalable smart contract platform. My research interests are in systems security and privacy engineering. My main areas of research include distributed systems, blockchains, and privacy enhancing technologies. I have a special interest in cryptography, and I particularly enjoy designing, implementing and evaluating high-performance distributed systems.

## EXPERIENCES

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- 2019 - **Research Scientist**, Facebook, London (United Kingdom).  
Blockchain Team.
- 2018 - 2019 **Co-Founder and Researcher**, Chainspace, Gibraltar.  
Building a scalable decentralised smart contracts platform.
- 2017 - 2020 **Teaching Assistant**, Univeristy College London, London (United Kingdom).  
Introduction to Computer Science, Introduction to Security.
- 2008 - 2017 **Private Teacher**, London (United Kingdom).  
Mathematics, chemistry, physics, electricity/electronics, and computer science.
- 2016 - 2017 **Internal Security**, Smals, Brussels (Belgium).  
National cybersecurity – focus on protection of social and health care data.
- 2013 - 2014 **Coach and Trainer**, Catholic University of Louvain, Louvain-La-Neuve (Belgium).  
University water-polo team.
- 2008 - 2011 **Water-Polo Player**, Royal Brussels Poseidon, Brussels (Belgium).  
Member of the water-polo team ROYAL BRUSSELS POSEIDON, 1<sup>st</sup> National League.

## EDUCATION

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- 2017 - 2021 **University College London (UCL)**, London, United Kingdom.  
Ph.D, SECURITY ENGINEERING.
- 2015 - 2016 **University College London (UCL)**, London, United Kingdom.  
Master Degree, INFORMATION SECURITY.
- 2013 - 2015 **Karlsruhe Institute of Technology (KIT)**, Karlsruhe, Germany.  
Master Degree, ELEKTROTECHNIK UND INFORMATIONSTECHNIK.
- 2013 - 2015 **Catholic University of Louvain (UCLouvain)**, Louvain-La-Neuve, Belgium.  
Master Degree, ELECTRICAL ENGINEERING.
- 2010 - 2013 **Catholic University of Louvain (UCLouvain)**, Louvain-La-Neuve, Belgium.  
Bachelor Degree, ENGINEERING.

## LANGUAGES

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|----------|--------|----------|--------------|----------|-----------------|
| FRENCH:  | Native | ENGLISH: | Fluent       | DUTCH:   | Basic Knowledge |
| ITALIAN: | Native | GERMAN:  | Intermediate | SPANISH: | Basic Knowledge |

## REFERENCES

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Available on demand.