

Alberto SONNINO

<https://sonnino.com>

PERSONAL DATA

PLACE & DATE OF BIRTH: Brussels, Belgium | 12 February 1992
LOCATION: London, United Kingdom
PHONE AND EMAIL: +44 20 7679 0293 | alberto.sonnino@ucl.ac.uk

INTERESTS

I was a co-founder and researcher at Chainspace, which builds a scalable smart contract platform; I am now a Research Scientist at the Blockchain team of Facebook based in London.

My main research interests are in privacy enhancing technologies, distributed ledgers, and cryptography. I have a special interest in trusted hardware and FPGA-based security applications. In the past, I worked on numerical calculations and simulations for physics-related problems (plasma physics, category theory, symmetry groups).

EXPERIENCES

- 2019 - **Research Scientist**, Facebook, London (United Kingdom).
Blockchain Team.
- 2018 - 2019 **Co-Founder and Researcher**, Chainspace, Gibraltar.
Building a scalable decentralised smart contacts platform.
- 2017 - **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, winner of the National Inter-University Tournament 2013-2014.
- 2008 - 2011 **Water-Polo Player**, Royal Brussel Poseidon, Brussels (Belgium).
Member of the water-polo team ROYAL BRUSSEL POSEIDON, 1st National League.

EDUCATION

- 2017 - **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

FRENCH: Native
ITALIAN: Native

ENGLISH: Fluent
GERMAN: Intermediate

DUTCH: Scholar Level
SPANISH: Basic Knowledge

REFERENCES

Available on demand.