

Alberto SONNINO

<https://sonnino.com>

PERSONAL DATA

PLACE OF BIRTH: Brussels, Belgium
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BIO

I received my PhD from University College London (UCL), advised by George Danezis and Jens Groth. During my PhD, I co-founded **chainspace.io** that built a scalable smart contract platform. We were then acquired by Facebook (now named Meta) where I help design the Libra/Diem payment system. While at Meta, I also co-authored the FastPay payment system, the Narwhal DAG-based mempool, and the Bullshark consensus protocol. I am now at Mysten Labs to commercialize these projects, branded as *Sui*.

EXPERIENCES

- 2022 - **Research Scientist**, Mysten Labs
Creating Foundational Infrastructure For Web3.0.
- 2019 - 2022 **Research Scientist**, Facebook, London (United Kingdom)
Blockchain and Cryptography team.
- 2018 - 2019 **Co-Founder and Researcher**, Chainspace, Gibraltar
Building a scalable decentralised smart contracts platform.
- 2017 - 2020 **Teaching Assistant**, University College London, London (United Kingdom)
Introduction to Computer Science, Introduction to Security.
- 2016 - 2017 **Internal Security**, Smals, Brussels (Belgium)
National cybersecurity – protection of social and health care data.

EDUCATION

- 2017 - 2020 **University College London (UCL)**, London, United Kingdom.
Ph.D, DISTRIBUTED SYSTEMS AND APPLIED CRYPTOGRAPHY.
- 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.

PUBLICATIONS, ACADEMIC WORK, AND AWARDS

My full list of publications, academic activities (including student supervision and PC duties), and awards is available at <https://sonnino.com>.

REFERENCES

Available on demand.