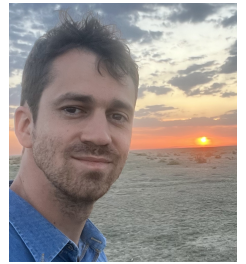


Adrián Pérez Keilty



Academia

- **PhD in Cryptography**

[Chalmers CSE department](#) - Göteborg

Efficient and progressive verification methods for cryptographic schemes, including bilinear pairings, digital signatures and zero knowledge proofs.

Software: Rust · C · Shell · Python

Aug 2023 - Aug 2028

- **MSc in Mathematics and Cryptography (120 credits) | GPA: 87.25**

[Linnaeus University \(LNU\)](#) - Växjö

Thesis: *A hashing algorithm based on a one-way function in the symmetric group S_n*

Software: Python · C++

Aug 2020 - Jun 2022

- **BSc in Pure Mathematics (240 credits)**

[Complutense University of Madrid \(UCM\)](#)

Thesis: *Compact Topological Fuzzy Spaces.*

Software: Python · Matlab · R.

Sep 2011 - Feb 2017

- **Pre-university studies**

[Lycée Français Molière](#) - Madrid.

Baccalauréat General in Science (19/20 in Math).

Sep 1997 - Jun 2011

References

- [Elena Pagnin](#) (Chalmers):
elenap@chalmers.se / +46 317725082
- [Per Anders Svensson](#) (LNU):
per-anders.svensson@lnu.se / +46 0470-70 81 14
- [Andrei Khrennikov](#) (LNU):
andrei.khrennikov@lnu.se / +46 0470-70 87 90

Languages & Skills

- Fluent in English, Spanish and French.
- Rust · C · Python · Shell · Agda · Lean
Solidity · JavaScript · TypeScript · Rell · SQL · Mumps.

Industry

- **Blockchain Developer**

[Antler Interactive \(Chromaway\)](#) - Stockholm

Building the backend side of NFT-games on the relational blockchain [Chromia](#). Bridging with EVM compatible blockchains, smart contract development and Unity integration.

Skills: Rell · Solidity · TypeScript · C# · ReactJS · Node.js
JavaScript · Docker · PostgreSQL · Unity

Oct 2022 - Aug 2023

- **Data Engineer**

[ING](#) Netherlands - Amsterdam

SQL development, GFRS technical support for all ING entities, and knowledge transfer between ING Netherlands and ING Spain.

Skills: GFRS · PL/SQL · Oracle Forms.

Mar 2019 - Sep 2019

- **Back-end developer**

[ING](#) Spain - Madrid

CI/CD on hierarchical structured database, technical design translations from stakeholders functional specifications and follow up code implementation.

Sep 2018 - Feb 2019

[BABEL Sistemas de Información](#) - Madrid

Back-end development on NoSQL database for financial related projects.

Skills: Mumps · GT.M · PL/SQL · Unix · Git

May 2017 - Aug 2018

Methodologies

- Independent & collaborative theoretical research.
- Agile way of working: Goal setting at the end of two-week sprint plannings.
- Motto: 'Don't waste your time or time will waste you'.

Coding Certifications

- [TestDome](#), [Codility](#), [HackerRank](#)