

PHD Computer Science (Self-Sovereign Identity)

The Role:

The Digital Identity team at SICPA is at the forefront of shaping a new global digital trust infrastructure. We are innovating in self-sovereign identity technologies and productizing this emerging technology by delivering production projects.

Our team is located in Switzerland and Spain. As a software engineer in our team, you will have the opportunity to make a real impact on shaping the future of digital identity.

We are seeking a PhD or student enrolled in a PhD program in Computer Science or other relevant areas to join our team in Madrid and help build the next generation of decentralized identity platforms.

You will be responsible for building backend technology, working with self-sovereign identity technologies, and navigating the complexities that come with them with strong accent in . research.

Responsibilities:

- Develop state-of-the-art code
- Contribute to open-source software projects
- Design and review software architecture
- Be hands-on and involved in every stage of the product development cycle
- Write highly scalable software

Requirements:

- Proven academic and/or professional specialization in applications security, cryptography, network security, or systems security.
- A proven track record in research, with publications in prestigious conferences and/or journals, is a big plus.
- Strong systems and programming skills.
- Strong written and spoken English communications skills
- Familiar with authentication protocols

Nice to Haves:

- Experience in self-sovereign identity technology
- Proven experience in applications security or applied cryptography
- Experience contributing to open-source software projects
- Experience contributing to open standards and/or open-source communities

Benefits:

- Hybrid work (50% remote), combination of Work from home + office that adapts to your needs
- Relocation package
- Competitive salary
- Startup mindset , We prioritizes a friendly and informal work environment that promotes collaboration, innovation, and productivity. Each team member's voice is heard and valued, and the well-being of our staff is a top concern.

If you're passionate about the future of decentralized identity and want to be a part of a dynamic and innovative team based in Madrid, we'd love to hear from you!