

Matheus Aranha

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Experience

SCP / CENPES

Cybersecurity Researcher • July 2019 - Present

Research and development of a homomorphic cryptography library compatible with geological software. Performance analysis of cryptographic algorithms in numerical hydromechanical coupling simulations.

ProntLife Health Intelligence

Data Security Specialist • December 2018 - June 2019

Worked with the development team to implement privacy and encryption techniques, adapting data storage rules in accordance with the General Data Protection Act (LGPD) and the General Data Protection Regulation (GDPR).

Data Analyst • December 2017 - December 2018

Modeling, extracting, manipulating, analyzing, and creating dashboards using Python, SQL, and Tableau for healthcare data.

OpenBox

Software and Infrastructure Engineer • January 2016 - September 2017

Backend developer and infrastructure engineer using AWS, Docker and Go.

Education

State University of Piauí - UESPI

Bachelor's Degree, Computer Science • August 2013 - August 2017

Research in Data Security and Privacy.

Skills

Programming

Development experience in the following programming languages:

- C
- Python
- JavaScript
- GoLang

Cryptography

Experience and knowledge in symmetric, asymmetric (classical and post-quantum) cryptographic algorithms and standards recommended by NIST.

Cloud Security Essentials

Data and information security management in cloud environments. Ensuring integrity, availability and confidentiality of cloud systems and data.

Information Security Management

Data and information security management in business and healthcare systems and databases.

Linux Troubleshooting

Experience using Linux tools to diagnose network and performance issues.

Social Links

- **Github:** <https://github.com/mattslv>
 - **LinkedIn:** <https://www.linkedin.com/in/mattslv/>
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