

# Matheus Aranha

Rio de Janeiro | +55-24-992466169 | aranham@protonmail.com

---

## Experience

---

### SCP / CENPES

*Cybersecurity Researcher • June 2019 - Present*

Researching and developing a homomorphic cryptography library compatible with of complex geological software and analysis of the performance of encryption algorithms in numerical simulations of hydro-mechanical coupling.

### 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

---

### Federal University of Rio de Janeiro - UFRJ

*Master's Degree, Computer Engineering • March 2019 - Present*

Development and research in Data Engineering and Security.

### State University of Piaui - 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
- JavaScript
- Python
- GoLang

### Information Security Management

Data and information security management in systems and database.

### Linux Troubleshooting

Experience using Linux tools to diagnose network and performance issues.