

About	Quantum-safe cryptography researcher focusing on digital signature schemes, backed by years of contributions to the Brazilian Public-Key Infrastructure standards and a diversified set of projects related to information security.
Address	Laboratório de Segurança em Computação (LabSEC), INE 218, Universidade Federal de Santa Catarina (UFSC), Florianópolis, 88040-900, Brazil
Languages	Portuguese (native), English (fluent), French (beginner)

Education

<i>PhD student in Computer Science</i> at the University of Ottawa (currently researching post-quantum cryptography and combinatorial cryptography)	Sep/2020– Today
<i>MSc in Computer Science</i> from the Universidade Federal de Santa Catarina (thesis named On the randomness of Rainbow signatures)	Aug/2018– Sep/2020
<i>BSc in Computer Science</i> from the Universidade Federal de Santa Catarina (thesis named Performance optimization for the Winternitz signature scheme)	Mar/2013– Jul/2018

Academic activities

<i>Visiting researcher</i> at Carleton University (Canada) – Recipient of a Mitacs-CALAREO Globalink Research Award to study the security of Rainbow-like signature schemes	Mar/2020– Jun/2020
<i>Teaching assistant</i> for INE5601 - Mathematical Foundations of Informatics at UFSC (Classes on order theory, lattice theory, algebraic structures and group theory)	Aug/2018– Dec/2018
<i>Teaching assistant</i> for INE5405 - Probability and Statistics at UFSC (Consultancy on exploratory data analysis, probability distributions and events)	Aug/2014– Jul/2015

Professional experience

<i>Senior developer and project manager</i> at LabSEC – In partnership with the Brazilian National Institute of Information Technology, coordinates the development of desktop, web and mobile tools used in the Brazilian Public-Key Infrastructure to generate and validate digital signatures.	May/2016– Today
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Has also worked as a (i) ceremony operator deploying Helios-based e-voting platforms; (ii) quantum-safe blockchain researcher; (iii) computer forensic examiner measuring the accuracy of pictures from speed enforcement cameras.

Qualifications and other interests

For 5+ years routinely uses AWK, Bash, C, C++, gnuplot, Java (JSE, JEE), L^AT_EX, Make, Python, SageMath, sed on a GNU/Linux distribution.

Enthusiastic about astronomy, the immersive sim game genre, IBM keyboards specifically older than the author and any song with a saxophone line.