Matteus Sthefano Leite da Silva

Researcher Assistant and Software developer at
Laboratório de Sistemas Distribuídos (LSD) - Brazil
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About

MSc. candidate student. Software developer. Researcher. CTF player (Epic Leet Team - Brazil).

Experience

Zero Touch Provisioning and Orchestration/ LSD - HPE

2018- PRESENT (GRADUATE)

Research and develop solutions to provision edge devices and applications in a secure way. Facilitating the integration of cloud computing and edge devices.

Secure Cloud Project / LSD

2017 - 2018 (UNDERGRADUATE)

Research and develop solutions for hardware-based data security in untrusted cloud computing environments using Intel SGX. https://www.securecloudproject.eu/

Monasca Agents - MONAG / LSD - HPE

2016 - 2017 (UNDERGRADUATE)

A project between the Laboratório de Sistemas Distribuídos and Hewlett-Packard. Feature suggestions, PoC and code contributions for the OpenStack Project.

Tutorial Education Program / Education department, Brazilian Government

2015- 2016 (UNDERGRADUATE)

Brazilian Federal Government program to stimulate university research, teaching and extension activities in undergraduate programs. http://portal.mec.gov.br/pet

Publications

Squad: A Secure, Simple Storage Service for SGX-based Microservices (Also undergraduate thesis)

9th LATIN-AMERICAN SYMPOSIUM ON DEPENDABLE COMPUTING - 2019

Low-Cost, Practical Data Confidentiality Support for IoT Data Sources

IX BRAZILIAN SYMPOSIUM ON COMPUTING SYSTEMS ENGINEERING - 2019

Achieving Data Dissemination with Security using FIWARE and Intel Software Guard Extensions (SGX)

IEEE SYMPOSIUM ON COMPUTERS AND COMMUNICATIONS - 2018

Education

MSc. Candidate Student - Computer Science / Universidade Federal de Campina Grande - UFCG

2019 - PRESENT, CAMPINA GRANDE - BRAZIL

B.Sc. Computer Science / Universidade Federal de Campina Grande - UFCG

2014 - 2019, CAMPINA GRANDE - BRAZIL

Awards

Best Brazilian paper at IEEE Symposium on Computers and Communications (2018).