Samuel Lucas de Moura Ferino

Faculty of Information Technology
Monash University
Melbourne, Australia

samuel.demouraferino@monash.edu

samuellucas97.github.io

Linkedin: samuel1797

PROFESSIONAL EXPERIENCE

Feb/23 - March/24: **RESEARCHER**, *Federal University of Rio Grande do Norte, Brazil*

– *Leading a small team in microservice integration tasks*

– *Supporting junior developers*: pair programming and code review

– *End-to-end system design*: sequence diagrams

– *Backend development*: Python/Flask/Pipenv, RabbitMQ, MySQL, pytest/unittest, Docker/Docker-compose, Make, Grafana, Prometheus, SonarLint, Kubernetes, Openstack, Vagrant

– *Infrastructure provision*: Openstack, Kubernetes, Docker/Docker-compose, Helm Charts, Ansible, Vagrant, Shellscript/Bashscript, Linux - Centos & Ubuntu

– *Implementation of CI/CD practices*: GitLab-CI, SonarQube, Docker, including GitLab Containers (& Packager) Registry

Aug/2021 – Jan/23: **TEST ENGINEER**, *Federal University of Rio Grande do Norte, Brazil*

– *Leading small team and meetings*

– *Supporting junior developers*: pair programming and code review

– *End-to-end system design*: sequence diagrams and UML diagrams

– *Backend development*: Java/Dropwizard/JUnit 5, Python/Flask/Unittest, Docker/Docker-compose, Make, MySQL, Grafana, Prometheus, SonarQube, GitLab CI

– *Infrastructure provision*: Openstack, Kubernetes, Docker/Docker-compose, Helm Charts, Vagrant, Ansible, Shellscript/Bashscript, Linux - Centos 7/8 & Ubuntu 18.04/20.04/22.04

– *Implementation of CI practices*: GitLab CI, SonarQube, Gitlab Container Registry

EDUCATION

2024–2027	Doctor of Philosophy in Information Technology, *Monash University, Australia*	
2021–2023	Masters in Systems and Computation, *Federal University of Rio Grande do Norte, Brazil*	
2016–2020	Bachelor in Information Technology, *Federal University of Rio Grande do Norte, Brazil*	

GRANTS AND AWARDS

Awards and Honors

2023	1st Place Award – Master's Degree Thesis Competition at Brazilian Symposium on Software Engineering (SBES)

2023	1st Place Award – Master's Degree Thesis Competition at Brazilian Software Quality Symposium (SBQS)
2021	Best Paper Award – Brazilian Symposium on Software Engineering – Insightful Ideas and Emerging Results (SBES)

Updated March 2025