

Guilherme Simas Medina Abinader

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INTERESTS Software delivery on scalable, extensible architecture. Team leadership and intrinsic motivators. Evolving, client-focused, developer-driven frameworks.

EDUCATION **PUC-RJ** February 2013 - December 2017
Bachelor's in Computer Engineering
G.P.A: 8.3/10.0 Areas of Interest: Software Engineering, Embedded Systems.

Rose-Hulman Institute of Technology August 2015 - August 2016
Bachelor's in Computer Engineering
G.P.A: 3.1/4.0 (Unweighted) Student in the Science Without Borders program. Also participated in a Summer research program at the Illinois Institute of Technology developing a framework for autonomous flight services.

TECHNOLOGY SKILLS *Web Development:* Slim, SpringBoot Web, aiohttp.
Continuous Delivery: Ansible, Terraform, Jenkins, AWS.
Object Oriented Design: C++11, Java11.
Scripting: Python, Nodejs, Shell, Lua.
Tools: Docker, Git, Linux (Ubuntu), Atlassian Suite.

EXPERIENCE **Zoop Technology** November 2018 - Present
Senior Software Developer

- Distributed payment processing web platform
- Python (aiohttp), Java (SpringBoot) and Php (Slim)
- Scalable architecture with dockerized applications
- Agile-oriented mindset and team-leadership

PUC-Rio Software Engineering Lab August, 2018 - November 2018
Software Developer

- Applying new technologies towards modernization of the Oil and Gas industry
- Object detection using Tensorflow's deep learning toolkit
- CUDA kernel development and optimization
- Smart Contracts using Ethereum

Stone Payments June, 2017 - July, 2018
Software Developer

- Development for C-focused portable payment terminal
- Point of Sale multi-device operational system development
- Qt framework, C++ back-end
- JavaScript front-end using self-developed and maintained SDK
- Open-source initiative
- SCRUM methodology

Google Summer of Code 2017 June, 2017 - August, 2017
Student

- Embedded Systems efficiency-focused programming
- Interruption oriented reactive driver development
- In development language Cu
- Contribution to Cu-Arduino development kit
- Open-source development initiative