

Guilherme Simas Medina Abinader

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OBJECTIVE To obtain a career that will allow myself to take full advantage of my passion and experience in software engineering while contributing towards society.

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 *Object Oriented Design:* C++11, Java7.
Scripting: Python, Nodejs, Shell, Lua.
Web Development: PHP5, HTML, DB2, JavaScript.
Tools: Command line Git, Linux (Ubuntu), Atlassian Suite, GitHub.

EXPERIENCE **PUC-Rio Software Engineering Lab** August, 2018 - Present
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 Céu
- Contribution to Céu-Arduino development kit
- Open-source development initiative

PUC-Rio LAMBA Laboratory September 2016 - January 2017
Intern

- Main developer of backend and frontend for critical document storing and fetching system
- Database modelling and implementation
- User experience focused Web Development