

Hugo Schmitt

Computer Engineer



Porto Alegre/RS
Brazil
M +55 51 98135 2545
E hugows@gmail.com
W hugows.com/en

Education

Degree in Computer Engineering, PUCRS, Brazil. 2002–2007

Thesis

Title: *PrimeSec: A Network Intrusion Detection System Using a Multi-processed Platform*

Supervisors: Fernando Gehm Moraes

Authors: Hugo Artur Weber Schmitt, Guilherme Montez Guindani

Experience

Development Designer, DATACOM, Porto Alegre. 2007–2010

Development of hardware solutions for the telecommunication industry; Programmable logic (VHDL); Scripting languages (Lua, Tcl); Hardware verification; Functional testing; Firmware and Equipment validation; Writing product manuals; Writing test guides; Technical manager for a product.

Research Assistant, UNISINOS, São Leopoldo. 2012–2019

Development of embedded software for the automation industry, focusing on functional safety and the IEC 61508 standard (); Mobile application design and development for an IoT product (React Native); Development of a web application for the concrete industry (Flask/Python); Development of backend services for storing and retrieving sensor data (Django, Golang).

Languages

Portuguese: Native

English: Intermediate

Computer skills

Languages: Python, Javascript, Go, C/C++

Frameworks: Django, Flask, React Native

Databases: PostgreSQL, Redis

Operating Systems: Linux, Windows, MacOS