

# Kelvin Silva

Systems Engineer

## CONTACT

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## EDUCATION

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### Bachelor of Science. Computer Engineering

2015-2018

*University of California Santa Cruz*

GPA: 3.53 / 4.00

Specializing in Systems Programming, Embedded Systems (Microcontroller, FPGA, SoC), and Network Programming.

Tau Beta Pi, Alpha Delta Chapter, Engineering Honor Society

Alpha Phi Omega, Alpha Gamma Nu Chapter, National Service Fraternity

## WORK EXPERIENCE

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### Software Engineering Intern

Jul-Sept 2017

*HackLabs Pty Ltd / Sydney, Australia*

- Continued development on an open source project: penetration testing report generation tool SERPICO to fit company's report template.
- Added features to increase work flow efficiency, fixed software bugs, implemented API endpoints for retrieval and modification of data.
- Ruby with Sinatra, DataMapper ORM, HAML, XSLT, Docker, PHP, MySQL, and Amazon AWS.

## SKILLS

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*Programming* C / C++ / JAVA / PYTHON 3  
x86 ASSEMBLY / WIN32 API / WINSOCK / LINUX  
*Embedded* SYSTEM VERILOG / XILINX ISE SUITE / PSOC CREATOR 4.0  
*Languages* English (fluent)  
Portuguese (intermediate)

## MISCELLANEOUS

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Eagle Scout, Troop 126, Arcadia, CA

Microsoft Word, WordML, Excel, Microsoft PowerPoint, Filemaker Pro, Linux, Windows, Visual Paradigm