

Victor S. Silva

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EDUCATION

CORNELL UNIVERSITY

VISITING UNDERGRADUATE
STUDENT

Major: Computer Science

Aug 2013 – May 2014

GPA: 3.6 / 4.0

Full scholarship granted by Brazil's
Ministry of Education

UNIVERSIDADE FEDERAL DE CAMPINA GRANDE

BS IN COMPUTER SCIENCE

Feb 2016 | Campina Grande, Brazil

GPA: 9.06 / 10.0

SKILLS

PROGRAMMING

Over 5000 lines:

Python • Java

Over 1000 lines:

JavaScript • Ember • C • C++ • OCaml

TECHNOLOGIES

Experienced:

Git • Elasticsearch • Docker

Ansible • Terraform • Packer

Familiar:

Vagrant • PostgreSQL • CouchDB

MOOCS

MACHINE LEARNING

Coursera/Stanford University

NEURAL NETWORKS AND

DEEP LEARNING

Coursera/deeplearning.ai

IMPROVING DEEP NEURAL

NETWORKS

Coursera/deeplearning.ai

STRUCTURING MACHINE

LEARNING PROJECTS

Coursera/deeplearning.ai

CONVOLUTIONAL NEURAL

NETWORKS

Coursera/deeplearning.ai

SEQUENCE MODELS

Coursera/deeplearning.ai

EXPERIENCE

MODE.NET | STAFF SOFTWARE ENGINEER

Feb 2016 – Present | San Francisco, CA

- Backend technical leader, responsible for design, implementation, deployment and maintenance of several projects. Led multiple efforts towards adoption of software development best practices in the company. Architected, deployed and maintained a full monitoring stack on AWS using the ELK stack, currently featuring billions of searchable documents. Mentored junior employees and helped them grow, take ownership and expand their skillset.

CLEVERTECH | PYTHON SOFTWARE DEVELOPER

Oct 2015 – Feb 2016 | Remote

- Assisted a startup completely rebuild its RESTful APIs. Helped redesign them from the ground up, implemented them and ensured their correct behavior through thorough testing.

FACEBOOK | SOFTWARE ENGINEERING INTERN

May 2014 - Aug 2014 | Menlo Park, CA

- On the Data Infrastructure team, worked for Dataswarm, a framework for writing data processing pipelines in Python which takes care of distributed execution, scheduling and dependency management.
- Dataswarm is widely used by Data Scientists at Facebook.

APPINVENTOR | FACEBOOK OPEN ACADEMY CONTRIBUTOR & TEAM REPRESENTATIVE

Feb 2014 – May 2014 | Ithaca, NY

- Through Cornell's graduate Open Source Software Engineering class, participated as a team representative from Cornell and contributed to AppInventor, a block-based programming tool.

SIMPLECV | GOOGLE SUMMER OF CODE INTERN

May 2013 - Aug 2013 | Remote

- Worked on profiling and optimization of SimpleCV, an open source framework for Computer Vision, identifying bottlenecks and assessing possible solutions.
- Helped draft SimpleCV's 2.0 goals.

May 2012 - Aug 2012 | Remote

- Created a model for mobile applications (front and back-end) for remote image processing, using Android for the front-end and Python, Tornado and SimpleCV for back-end processing.

AWARDS

2013 Gold Medal Paraíba Olympiads in Informatics 2013

2008 National II Brazilian Robotics Olympiad Finalist

2008 Silver Medal XI Brazilian Astronomy and Astronautical Olympiad

GENERAL

- Proud member/co-owner CGHackspace, a Hackerspace located in Campina Grande/Brazil.
- Rotary International-sponsored foreign exchange year at Schwerin, Germany in 2010. Learned German from scratch and achieved fluency in one year.