

Victor de Souza Lima e Silva

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EDUCATION

CORNELL UNIVERSITY

VISITING UNDERGRADUATE
STUDENT

Major: Computer Science
Aug 2013 – May 2014
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

Experienced:
Python • Java
Familiar:
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 those 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

- Worked on 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.

DISTRIBUTED SYSTEMS LAB. | SCIENTIFIC INITIATION SCHOLAR

Sep 2014 – Feb 2015 | Campina Grande, Brazil

- As part of the Advanced Development for Openstack project, interacted directly with the Openstack community to fix existing issues and contribute to new features.

Oct 2012 – Jul 2013 | Campina Grande, Brazil

- Helped with enhancement and testing of a policy for dynamic frequency scaling named PAFS - Productivity Aware Frequency Scaling, which aimed at optimizing energy consumption while still satisfying desired performance requirements.

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.

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 co-founder of CGHackspace, a Hackerspace located in my home town.
- Rotary International-sponsored foreign exchange year in Schwerin, Germany in 2010. Learned German from scratch and achieved fluency in one year.