

Victor de Souza Lima e Silva

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EDUCATION

STANFORD UNIVERSITY

ARTIFICIAL INTELLIGENCE
GRADUATE CERTIFICATE
GPA: 4.0
Aug 2020 – Dec 2021

CORNELL UNIVERSITY

VISITING UNDERGRADUATE
STUDENT: COMPUTER SCIENCE
Full scholarship granted by Brazil's
Ministry of Education
Aug 2013 – May 2014

UNIVERSIDADE FEDERAL DE CAMPINA GRANDE

BS IN COMPUTER SCIENCE
GPA: 9.06 / 10.0
Feb 2012 – Feb 2016

SKILLS

PROGRAMMING

Experienced:
Python • Java
Familiar:
C • C++ • OCaml

TECHNOLOGIES

Experienced:
Protobufs • Git • Elasticsearch
Docker • Ansible • Terraform
Familiar:
PyTorch • TensorFlow • Keras

EXTRA COURSEWORK

DEEPLARNING.AI BOOTCAMP
deeplearning.ai

DEEP LEARNING SPECIALIZATION
Coursera/deeplearning.ai

EXPERIENCE

GOOGLE | SENIOR SOFTWARE ENGINEER

Aug 2019 - Present | Remote, US

- Technical Leader on the Flex team, which provides resource management for Google's private cloud.
- I own the strategy for how Flex offers and provisions resources for Spanner, Google's globally distributed database service. Efficiency projects I've led have saved Google \$XXM in reclaimed Spanner resources.
- Build multi-year roadmaps spanning multiple teams, and drive them to completion.
- Set short and long-term technical direction for my immediate team of five engineers, and influence designs and outcomes across several partner teams.
- Mentor engineers to help them grow, take ownership, and expand their skillset.

MODE.NET | STAFF SOFTWARE ENGINEER

Feb 2016 – Aug 2019 | San Francisco, CA

- Owner of the network controller space, responsible for design, implementation, deployment and maintenance of several projects.
- Architected, deployed and maintained a full monitoring stack on AWS using the ELK stack, which featured billions of searchable documents.
- Led company-wide efforts towards adoption of software development best practices.

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

- Worked with the Openstack community to fix existing issues and contribute to new features.

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.