

Victor Araujo | Curriculum Vitae

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Software Engineer interested in Site Reliability Engineering and DevOps topics.

Experience

- Tink AB** **Stockholm, Sweden**
Software Engineer *February 1, 2018–To date*
 - Working in the SRE/DevOps team responsible for Tink's infrastructure in AWS and Kubernetes.
 - Developed terraform modules and Helm charts for critical infrastructure components, including customer integrations, monitoring (Prometheus, Thanos) and logging (Elastic Stack).
 - Automating AWS terraform workflows to scale to dozens of environments.
 - Operating 25+ Kubernetes clusters and participating in on-call rotations.
 - Knowledge sharing through talks and presentations.
- CERN** **Switzerland**
CERN Openlab Student *July 3, 2017–September 1, 2017*
 - Worked in CERN's cloud infrastructure team to adapt Openstack Murano code and configuration to their production cloud, one of the largest Openstack environments in the world.
 - Managed the configuration of the components of the project using Puppet.
 - Enabled self-service application deployment in Openstack for users of CERN cloud.
- Grupo Tir** **Guatemala**
Software Developer *May 2013–June 2015*
 - Helped to increase the volume of sales of the company through automation of business processes.
 - Developed a system for wholesale distribution of telecommunications packages, used by thousands of clients every day.
 - Developed a scalable backend using C# and Microsoft SQL Server, which included message queues and web services. The frontend for system administration was created with the PHP Yii Framework.

Education

Academic Qualifications.....

- Luleå University of Technology** **Sweden**
M. Sc. Computer Science and Engineering *2015–2017*
- University of Lorraine** **France**
Master in Complex Systems Engineering *2015–2017*
In Luleå, Sweden and Lorraine, France, I studied a Joint Master's Degree in Pervasive Computing and Communications (expected to graduate in August 2017). Topics included Internet of Things, wireless communications, Green IT, software development and experience with research. I was awarded an Erasmus+ Scholarship from the European Commission.
- Universidad del Valle de Guatemala** **Guatemala**
B.Sc. Computer Science and Engineering, *2009–2014*

Notable Projects.....

- **Google Summer of Code 2016, *End-to-end performance visualization in Ceph***
Integrated annotation-based tracing functionalities into Ceph's RADOS block device library, to aid performance visualizations of the inner workings of the system. Developed a Python tool to send the resulting traces to a Zipkin server, for visualization.
- **Open Source:**
I have published and maintained open source contributions related to performance visualization in *Ceph* and load testing of *IoT LWM2M servers*. My Github profile can be found [here](#).
- **LAGO Project:** '*Collaboration in an International Gamma Ray Burst Observatory*'
During the last year of my undergraduate education I participated in the local chapter of the Latin American Giant Observatory (*LAGO*) project. This project aims to install a network of detectors to collect data about gamma ray bursts. I investigated the usage of a cloud-based DSpace repository and clusters for physics simulations.

Technical and Personal skills

- **Programming Languages:** Proficient in Python and Java
Previous experience with Golang, Javascript, PHP, C++, C#.
- **Cloud Platforms:** Amazon Web Services, Openstack, Heroku.
- **Data:** Knowledge of SQL, mongoDB, Elasticsearch. Familiar with Hadoop. EMC Information Storage and Management Academic Associate Certification.
- **Other skills:** Linux. Configuration management with Salt.
- **Spoken Languages:** Fluent in English, French and Spanish. Basic German.

I've had the opportunity to be exposed to many international experiences, and I'm always on the lookout to experience new cultures, hiking places, music, dances and coffee.

References

- Available on request