Heiner **León**

SOFTWARE ENGINEER

San José, Costa Rica

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Sum**mary**

I've worked in distributed systems, container environments and data processing infrastructures. I'm always open-minded to new challenging projects, especially interactive experiences involving machine learning, data analysis and/or computer graphics.

Wor**k Experience**

Akurey
San José, Costa Rica

SOFTWARE ENGINEER
Feb. 2019 - PRESENT

- Handling Go/Ruby microservices environment with high-throughput of data.
- Design and implementation of high scalability architecture for IoT devices. Strong use of AWS services (API Gateway, EC2, ECS, VPC, Lambda, DocumentDB, Cloudwatch), combined with NodeJS + Typescript.
- Development of an Android application using MVVM and Kotlin.
- Experience with C# + .NET, and Sitecore.

Singularities
San José, Costa Rica

SOFTWARE ENGINEER
Jun. 2017 - Feb. 2019

- Design and implementation of multiple services using gRPC, REST, Golang and Java.
- Design and implementation a scheduling service for long tasks (i.e. Data processing jobs).
- Design and implementation an IAM (Identity and Access Management) service.
- Orchestration of multiple services using Docker and Kubernetes.
- Experience with Google Cloud Services (Datastore, Cloud Storage, Compute Engine, Kubernetes Engine).

Singularities
San José, Costa Rica

INTERNSHIP
Oct. 2016 - Jun. 2017

- Python SDK for one of the internal APIs. It included a dependency graph and lazy evaluation

Arvum IT
San José, Costa Rica

SOFTWARE DEVELOPER
Oct. 2015 - Oct. 2016

- Implementation of the first version of the backend of Comunitaas, which included access control, events management and a reservation system.
- First version of the Android application of Comunitaas.

Edu**cation**

TEC (Tecnológico de Costa Rica)
San José, Costa Rica

M.S. IN COMPUTER SCIENCE
Feb. 2019 - PRESENT

TEC (Tecnológico de Costa Rica)
Cartago, Costa Rica

B.S. IN COMPUTER SCIENCE AND ENGINEERING
Feb. 2013 - Jun. 2017

- Assisted a professor in oriented objects programming course and data structures with institutional responsibilities like the revision of quizzes.
- Mentored students with problems and questions related to computer science courses: data structures, oriented objects programming and analysis & design of algorithms.
- Research assistant in a project with the objective of create an interactome, in order to help researchers to study interactions of specific proteins.

Ski**lls**

LANGUAGES

- English
- Spanish - Native

TECHNICAL

- Golang, Java, C, NodeJS, Typescript, Python, C++, Ruby, Swift, Javascript, C#.
- Docker, Kubernetes.
- Protobuf, Apache Kafka, RabbitMQ.
- SQL, NoSQL, REST, GRPC.
- Google Cloud Platform, Amazon Web Services.

SOFT
- Strong analytical thinking, creativity, problem solving, critical thinking.
- Leadership, proactive, adaptive and self-taught.

Certifications

deeplearning.ai   *Coursera*
STRUCTURING MACHINE LEARNING PROJECTS   *Nov. 2017*

deeplearning.ai   *Coursera*
IMPROVING DEEP NEURAL NETWORKS: HYPERPARAMETER TUNING, REGULARIZATION AND OPTIMIZATION   *Nov. 2017*

deeplearning.ai   *Coursera*
NEURAL NETWORKS AND DEEP LEARNING   *Oct. 2017*

Extracurricular Activity

Konrad Group   *San José, Costa Rica*
HACKATHON EVENT   *2015*
- Participated as the team leader and developer in a multidisciplinary team of four members.
- Developed a web application with Yeoman and AngularJS to help people to find where to live based on their needs.

Backcountry   *San José, Costa Rica*
HACKATHON EVENT   *2014*
- Participated as the team leader and developer in a multidisciplinary team of four members.
- Developed a mobile application on Android to help people who do hiking or any related sport or activity.

ACM-ICPC   *Alajuela, Costa Rica*
REGIONAL PROGRAMMING CONTEST   *2014*
- Participated with a team of three members.
- We won the sixth place in Costa Rica.