

Leo Benkel

Computer Scientist

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Skills

Computer Languages

Scala, Spark, Elasticsearch, Python, TensorFlow, SQL, DynamoDB and more.

Human Languages

French (native language), English (fluent).

Experience

Thumbtack / Software Engineer

May 2016 - Mar 2016, San Francisco, CA

Data pipeline

- Used Scala and Elasticsearch to [surface pricing information](#).
- Designed and implemented Scala pipelines to manage internal linking between SEO pages to boost google crawling.
- Designed and implemented Scala pipelines to manage the lifecycle of the SEO pages.

Cost Pages

- Responsible for Cost Pages for 2 years.
- Reached 13k visits per day with [more than 500 live pages](#) all with custom written content.
- Managed analytics, dashboards and alerts to monitor those pages (SQL).

Admin tools

- Managed Admin Tools to edit / create SEO related pages without need of engineers.
- Managed projects with 4 engineers to create CMS to reduce engineering involvement when writing content for SEO pages.

Citrix / Senior Computer Scientist

January 2014 - May 2016, San Francisco, CA

- Senior member of [Framehawk](#) core team integrated Framehawk's technology with the Citrix HDX technologies, post acquisition.
 - Within a year, I had joined the core team responsible for implementing the industry-leading and patented graphic, context and network engines.
 - Designed and developed client-side harness, built on Java, for simulating human intent and measuring response.
 - Researched, prototyped and designed and delivered color composition and compression techniques.
 - Designed and developed groundbreaking client layer system that created new foundational features for the flagship platform.
 - Core participant in the creation of [Citrix's next-generation specification graphics and communication protocol](#).
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Education

ISEN / Master of Science - Information Systems Engineering - 2012, Lille, France

Specializations: Computer Science, Programming Development, Artificial Intelligence, Operations Research, Management Innovation, Signals and Systems, Mobile Robotics

[École Polytechnique Fédérale de Lausanne \(Coursera\)](#) / Functional Programming in Scala Specialization - 2018

[Deeplearning.ai \(Coursera\)](#) / Deep Learning - 2018