

Lance Leslie Pereira

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SKILLS SUMMARY

Languages: Go, Python, PHP, C/C++, Scala, Java, Ruby, SQL, JavaScript, Scheme, Matlab, R, Bash

Tools/Frameworks: Docker, K8s, Terraform, AWS, gRPC, React, Redux, Rails, Node.js, Git, Next.js

Courses: Algorithms, Data Structures, Compilers, OS, Distributed, Networks, Security, ML, AI, CV, Big Data

EXPERIENCE

Meta (Instagram)

New York, NY

Software Engineering Intern, Instagram Signals Platform Team

Jan. 2021 – Apr. 2021

- Increased total tracking of Instagram ML signals usage by 38.25% through the use of data lineage to find data pipelines consuming signal data.
- Built Instagram signal config and surface insights API for signal upgrade, unblocking automatic signal upgrading/deprecation process for all Instagram ML teams.
- Migrated Signal Platform Tool from old ML model configuration to signal based configuration, providing Instagram ML teams insights on their respective signals.

Key Technologies: Python, PHP, C++, SQL, Hive, Presto, React

Splunk

San Jose, CA

Backend Engineering Intern, Cloud Infra Team

May. 2020 – Sep. 2020

- Developed and deployed a notifications service using Go and gRPC framework that is utilized by Splunk to push Slack notifications internally and password reset emails to clients.
- Created and managed CI/CD pipeline on Gitlab used for automated testing, building docker images, terraforming environments for AWS permissions, and deploying to Kubernetes.
- Pushed commands to Splunk Cloudctl CLI that allowed for forced terminations and restarts.

Key Technologies: Go, gRPC, Docker, Kubernetes, Terraform, AWS, Gitlab CI/CD, Jsonnet, Splunk

Wish

San Francisco, CA

Full Stack Developer Intern, Policy Team

Sep. 2019 – Jan. 2019

- Built merchants infractions page where 1,000,000+ merchants view, filter, and dispute their infractions.
- Restructured code for issuing warnings to merchants to be multi-threaded increasing speed of daily cron jobs from 20+ hours to 30 minutes.
- Created a fine reversal tool that automated the process of engineers manually having to reverse fines.

Key Technologies: Python, MongoDB, React, Flow, Solr

Jewlr

Toronto, ON

Full Stack Developer Intern

Jan. 2019 – Mar. 2019

- Used AWS Personalize to create prototype machine learning model for user product recommendations.
- Redesigned and restructured cart page and drop-down to be mobile friendly using React and Redux.
- Collaborated with design team to redesign homepage for Easter and Mother's day sales.

Key Technologies: React, Rails, Redux, MySQL, jQuery

EDUCATION

Bachelor of Computer Science

Waterloo, ON

University of Waterloo

Sep. 2017 – Dec. 2021