

MOU PAUL

👋 I am a distributed system engineer with a passion for large scale infrastructure and machine learning. I speak 3 languages and enjoy traveling the 🌍

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Technical Skills

Language Python Golang Typescript/Javascript
Platform Kubernetes BigQuery BigTable Node.js GRPC Chef Docker
Infra Kafka Consul Vault Druid Nginx Redis Envoy Sqlite
Library Pytorch Rocksdb Electron Next.js React

Selected Projects

Training a Speaker Embedding from Scratch with Triplet Learning (6k+ views)
<https://go.mou.dev/triplet-embedding-learning>
Personal short link generator in Rust (deployed on go.mou.dev)
<https://go.mou.dev/short>

Professional Experiences

- Software Engineer @ Twitter, San Francisco 2018/06-Present
- Collaborated with multiple engineering functions to recreate and scale Smyte anti-spam infrastructure 10x after acquisition
 - Led dataset migration to BigQuery within Twitter Health to accelerate cloud adoption across the org
 - Mentored engineers on Smyte stack to distribute system ownership & scale engineering teams
 - Led and designed a private data anonymizer system to improve private data handling for Twitter's anti-spam infrastructure
- Software Engineer @ Smyte, San Francisco 2015/11-2018/06
- Core member of four engineers building and scaling Smyte's anti-spam engine protecting hundreds of millions of users
 - Developed and maintained automation and monitoring for multiple kubernetes cluster with thousands of pods
 - Led and designed Smyte's first machine learning stack for image abuse detection
 - Contributed to high impact initiatives such as GDPR compliance and infrastructure costs reduction
- Software Engineer @ Inkling, San Francisco 2013/04-2015/05
- Designed and developed a video encoding pipeline for mobile devices
- Software Engineer Intern @ Amazon, Seattle 2012/05-2012/09
- Designed and implemented a time-based token system to allocate and optimize resources for API clients in Java

Educations

Udacity	Stanford University	University of Waterloo
Self-Driving Car Engineer I Certificate	Computer Science Master (withdrew)	System Design Bachelor