

MOU PAUL

👋 I am a backend engineer passionate about infrastructure and machine learning. I speak 3 languages and play 🎮

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moomou.github.io

Technical Skills

Language Python Golang Typescript/Javascript
Platform Kubernetes BigQuery Bigtable Node.js GRPC Docker
Infra Kafka Consul/Vault Druid Nginx Rocksdb Solr MySQL
Library Pytorch Tensorflow Electron React

Selected Projects

Training a Speaker Embedding from Scratch with Triplet Learning
<https://medium.com/@ppymou/24baf990ccf>
Clipboard manager that understands what you copy
<https://ohsloth.com>

Professional Experiences

Software Engineer @ Twitter, San Francisco 2018/06-Present
◦ Contributing to Twitter health as part of Smyte acquisition

Platform Engineer @ Smyte, San Francisco 2015/11-2018/06
◦ Core member of a 4 person platform team maintaining Smyte's realtime anti-spam engine processing billions of actions a month
◦ Designed and maintained Smyte's machine learning infrastructure for image abuse detection
◦ Instrumented, analyzed, and reduced infrastructure costs to improve business margin
◦ Collaborated closely with the team to deliver high impact work such as GDPR compliance and solving customer integration issues

Full Stack Engineer @ Inkling, San Francisco 2013/04-2015/05
◦ Designed, developed, and maintained backend media transformation pipeline with akka in Scala

Software Engineer Intern @ Amazon, Seattle 2012/05-2012/09
◦ Designed and implemented a time-based resource allocation system to optimize distributed system resource allocation for clients in Java

Research Intern @ Nippon Koei, Tsukuba 2011/09-2011/12
◦ Constructed statistical model for earthquake road embankment damage analysis and analyzed satellite images for researching connections between landslide and vegetation

Sensor Driver Intern @ Qualcomm, San Diego 2011/01-2011/04

Educations

Udacity	Stanford University	University of Waterloo
Self-Driving Car Engineer I	Computer Science, Master	System Design, Bachelor
October 2017	Withdrew 2013	Class of 2013