

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 Chef Docker
Infra Kafka Consul Vault Druid Nginx Redis Solr MySQL
Library Pytorch Tensorflow Rocksdb 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
◦ Member of oncall engineers responsible for Smyte's realtime anti-spam engine protecting hundreds of millions of monthly active users	
◦ Developed and maintained automation and monitoring solutions for a large k8s cluster with thousands of pods	
◦ Designed and maintained Smyte's first machine learning stack for image abuse detection	
◦ Collaborated with the team to deliver high impact work such as complying with GDPR, reducing infrastructure costs, and solving customer integration issues	
Full Stack Engineer @ Inkling, San Francisco	2013/04-2015/05
◦ Designed, developed, and maintained video encoding pipeline with akka in Scala for publishing HTML5 content to mobile and epub	
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