



Peter Lee

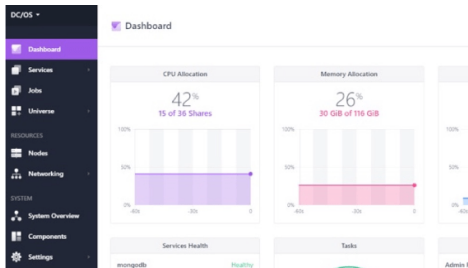
My research interest includes Data Infra, Data Science, Backend, iOS and IoT. I focus on big data and data infra since 2015. From 2017, I started a new research area in deep learning. Contributor of TensorFlow, Rocket.Chat and Nvidia Jetson community and other open-source projects.



Taipei, Taiwan

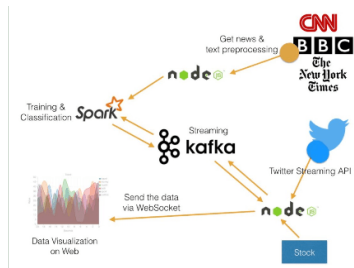
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Publication



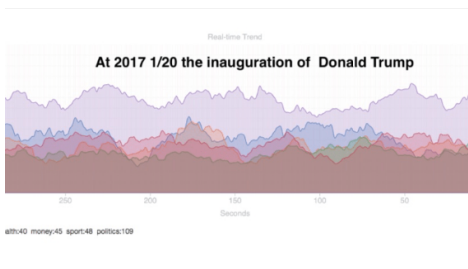
Implementation of Lambda Architecture: A Restaurant Recommender System over Apache Mesos

Advanced Information Networking and Applications (AINA) 2017 IEEE 31st International Conference
A Lambda Architecture at DC/OS, using Spark, Spark Streaming, Kafka, Hadoop HDFS. [Full Text](#)



Stock market analysis from Twitter and news based on streaming big data infrastructure

Awareness Science and Technology (iCAST) 2017 IEEE 8th International Conference
Real-time trend analysis by twitter, using Spark, Spark Streaming, Kafka, Classification Data and Visualize on Web. [Full Text](#)



Real-time Trend Analysis of Streaming Twitter and News Based on Big Data Infrastructure

電子情報通信学会-講演論文 信学技報, vol. 117, no. 184, SC2017-13, pp. 1-6, 2017年8月.
SC2017-13 2017-08-18 (SWIM, SC) [Full Text](#)

Experience

Public Digital Innovation Space (PDIS) - Software Engineer,
Sep 2017 - Aug 2018



PDIS is a government organization in Taiwan, it also has another name: Executive Yuan - Ministry of Digital - Audrey Tang's Office. We use new technology to improve public participation and open government.

1: As a software developer: I use Line BOT API to connect our internal systems to make an easy-to-use app to help our colleagues saving their time. I also designed API interfaces to allow other internal systems to hook up with our bot system. Up to now, it already bridged across our meeting reserve system and electronic bulletin board system.

2: About productive and quality: I designed a software that can display real-time subtitle during streaming. To meet the schedule, I took only one week to make it from idea to prototype. This system now works perfectly in all of our video conferences.

3: As a quick learner and contributor: I involved in many open source projects. Like Sandstorm(A open source private cloud with the container), Rocket.Chat(A open source chat app which like Slack). We have fixed many issues and add lots of features, and giving back to the community.

4: Eager to learn everything: when I have free time, I like to think about how to make the system more efficient. I still find more possibility to improve the current system. Like the subtitle display system, I would like to let some part of the system can automatically work. Let the computer can label the people with their name in real-time and display the information on the subtitle. On the road of development, I fixed various issues and bugs of Tensorflow. NVIDIA give me an award as the outstanding community developer in this April.

Nexdoor (91 App) - iOS Engineer, Jan 2015 - Feb 2016



Nexdoor is a famous App company in 2013, we build iOS/Android/Web for the enterprise. I was an iOS Engineer Intern when I was an undergraduate student. I developed some interesting project, like Geofence App, LBS Service framework and customize UI. In 2016, most of the employee join new company 91 app.

Selected Awards

Nvidia Jetson developer community contributor

[Nvidia Jetson developer community contributor](#)

Porting TensorFlow for Nvidia Jetson.

Thanks for Nvidia send a free Nvidia GTX 1080Ti for me.

TensorFlow Contributor

Porting TensorFlow to Nvidia Jetson. Repository [tensorflow-nvjetson](#). #20025, #19075, #17394.

Rocket.Chat Contributor

Update and patch Rocket.Chat for Sandstorm. Due to there is no official build since 2017. I started to fix issues and help new official build.

Selected Skills

Data

Spark
Mesos
Kafka
Hadoop
Elasticsearch(ELK stack)

Backend/Web

Node.js
Mongodb
Webpack
Jquery
Sass

General

Git
Vim
Shell
Docker

Education

University Of Aizu, Fukushima, Japan.

2016 March - 2017 March Master Degree of Computer Science. Double Degree Program.

Tamkang University, Taipei, Taiwan.

2015 - 2017 Master Degree of Computer Science. Cloud Computing Lab.

2011 - 2014 Bachelor of Engineering (B.E.) Computer Science. Embedded System Lab.