



劉昱劭

Yu Shao (Sid) Liu



INTERESTS

Deep Learning
Natural Language Processing
Cloud Native
DevOps
Site Reliability Engineering



PERSONAL SKILLS

Python ██████████
Docker ██████████
Kubernetes ██████████



AWARDS

104 下資工系書卷獎
105 下資工系書卷獎



More Informations

👉 <https://bit.ly/ysliucv>



EDUCATION

Master in Computer Science / 2019-2020

國立交通大學 資訊科學與工程研究所
指導教授：黃俊龍、趙達毅
碩士論文：以計算資源用量序列預測雲平台容器生命週期
GPA 4.0/4.0 (4.3/4.3)

Bachelor in Computer Science / 2015-2019

國立交通大學 資訊工程學系 網路與多媒體組
專題：自動化深度學習伺服器部署（指導教授：易志偉）
GPA 3.96/4.0 (4.17/4.3)



EXPERIENCES

July - August 2020 Summer Internship @ NCHC
CNN for container utilization analytics on TWCC
Sep - 2019 Parttime Internship @ NCHC
資料不落地、雲端都加密
July - August 2019 Summer Internship @ NCHC
Resource Forecasting on TWCC ELK logs
July - August 2018 Summer Internship @ ITRI
Tensorflow Model Serving with Seldon on Kubernetes



PUBLICATION

Journal Papers

J.-Z. Wang, Y.-C. Chen, W.-Y. Shih, L. Yang, **Y.-S. Liu**, and J.-L. Huang,
"Mining High Utility Temporal Patterns on Time Interval-Based Data," ACM
Transactions on Intelligent Systems and Technology, Vol.11, No. 4, May 2020.

Conference Papers

劉昱劭, 趙達毅, 黃俊龍, Pytorch or Tensorflow? A Lightweight CNN for
container utilization analytics on TWCC cloud platform. , 2020, TANET.

Conference Posters & Oral Presentation

J. Liu, J. Haga, M. Lin, **S. Liu**, D. Syu, and C.-W. Yi, "[An Interactive Platform for DLaaS on SAGE2-Traffic Monitoring as an Example](#)," the
34th Meeting of the Pacific Rim Applications and Grid Middleware
Assembly (PRAGMA 34), Tokyo, Japan, 9-12 May 2018.

Y.-C. Huang, C.-W. Yi, **S. Liu**, D. Syu, and C.-C. Tseng, "[A Deep Learning Service Cluster for Ball Tracking from Broadcast Video](#)," the
34th Meeting of the Pacific Rim Applications and Grid Middleware
Assembly (PRAGMA 34), Tokyo, Japan, 9-12 May 2018.



PATENT (PENDING)

趙達毅, 林錫慶, **劉昱劭**, 機敏資料之分析方法及其系統