Wei Chen

Data Scientist / AI.ML Engineer / Cloud Architect

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EXPERIENCE

Amazon Web Service, Taiwan
— *Data Scientist:* Aug 2019 - NOW

Build AI/ML Services and Platforms for Customers
Specialize in Manufacturing Quality Prediction, ML-Ops,
and Simulation-Based Deep Reinforcement Learning

Change Healthcare, USA
— *Principal Software Engineer:* Sep 2018 - Aug 2019

Lead, Design, and Build a Dynamic Data Ingestion Pipeline
for the Healthcare Data Lake on AWS with Spark
Achieve 20x Fewer Computational Cost than Original Approach

Groundhog Technologies Inc., Taiwan, Indonesia
— *New Product Tech Lead:* Feb 2016 - Aug 2018
— *Data Scientist:* June 2015 - Feb 2016
— *Intern:* Mar 2014 - May 2014

Lead, Design, and Build a Data Enrichment Platform that
Mines Users' Interest for 5 Mobile Operators in 3 Countries
Use Spark to Process 100 TB of Data per Day

Stanford University, USA
— LBCN, *Research Assistant:* Jan 2015 - May 2015

Model Human Brain with Implanted EEG

RIKEN Brain Science Institute, Japan
— Cichocki Lab, *Scientist:* June 2014 - Sep 2014

Predict Epilepsy Seizure and Apply EEG Visualization/Sonification

EDUCATION

National Taiwan University, Taiwan
— EECS, Medical Informatics Lab, *Master of Science*

Sep 2012 - May 2014

National Tsing Hua University, Taiwan
— Electrical Engineering, *Bachelor of Engineering*

Sep 2007 - May 2011

OPEN SOURCE PROJECTS

Apache Software Foundation - *Committer*

Marvin-AI: Committer - Jan 2019
Prediction-IO: Contributor

SKILLS

Big Data: Spark, Kafka, Hadoop, Zeppelin

AI/ML: GitHub Link, MxNet, TensorFlow

Database: Redis, MongoDB, MySQL

Web Service: Akka-Http, Play, NodeJS

DevOps: Docker, Prometheus, Jenkins

ACHIEVEMENTS

8 SCI Machine Learning Papers: Link

Codingame AI Arena: 57th / 1,590,287

TMU-MIT 2016 Hackathon: 1st

National Taiwan University:
Guest Lecturer 30 Hours+
Institute Student Representative

Certification:
AWS - Solution Architect Associate
AWS - Developer Associate

LANGUAGES

Scala	★★★★★
Python, AWK, C++	★★★★☆
JavaScript, Matlab	★★★☆
Java, Lua, R, Go	★★☆
English, Chinese	★★★★★