

# Wei Chen

Data Scientist / AI/ML Engineer / Cloud Architect

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GitHub: <https://github.com/Wei-1>

## EXPERIENCE

### Amazon Web Service, Taiwan

— *Data Scientist*: Aug 2019 - NOW

Build AI/ML Services and Platforms for Customers  
Specialize in AI/ML Manufacturing Quality Control, 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  
Minimizes Users' Interest for 5 Mobile Operators in 3 Countries  
Use Apache 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: [176th / 1,906,515](#)

TMU-MIT 2016 Hackathon: 1st

National Taiwan University:

Guest Lecturer 30 Hours+

Institute Student Representative

**Certification**:

[AWS - Solution Architect Associate](#)

[AWS - Developer Associate](#)

[AWS - Machine Learning Specialist](#)

## LANGUAGES

Scala, Python ★★★★★

JavaScript, AWK ★★★★★

Matlab, C++ ★★★★★

Java, Lua, R, Go ★★★