

# Wei Chen

Data Scientist / Engineer / Architect / Enthusiast

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

## EXPERIENCE

### Amazon Web Service, Taiwan

— *Data Scientist*: August 2019 - NOW

Develop AI/ML Services and Platforms for Customers

Focus on Manufacturing Quality Prediction and Defect Detection

### Change Healthcare, USA

— *Principal Software Engineer*: Sep 2018 - August 2019

Lead a Team to Develop Dynamic Data Ingestion Pipelines for the Healthcare Data Lake on AWS with Spark

Achieve 20x Fewer Computation 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 a Team to Build Data Enrichment Platform that

Mines User Interest for 5 Mobile Operators in 3 Countries

Use Spark to Process data up to 100TB 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 – [SAA](#), [DA](#)

## LANGUAGES

Scala ★★★★★

Python, Awk, C++ ★★★★★

JavaScript, Matlab ★★★★★

Java, R, Go ★★★★★

English, Chinese ★★★★★