

TZI-HUEI LAI, 賴子暉

SOFTWARE ENGINEER / PRODUCT MANAGER

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Profile

Experienced in both product management and DevOps, and be able to look through things from different roles and perspectives. A quick learner with good sense of curiosity, and an excellent co-worker with good communication skills. Broad interests from nature science (such as physics and materials science) to art (such as classic piano performing, classic or contemporary painting, calligraphy).

Skills

python	python-flask	RESTful API
pyspark	MySQL	Cassandra
Redis	Zookeeper	TSDB
git	docker	Machine learning

Experience

Bridgewell Incorporated (宇匯知識科技)

Manager, Dept of Data Management Platform

Dec 2017-Current

- Leader of a start-up product, “Data Management Platform,” with a team of 5 — 7 members.
- As a product owner: manage requirements from stakeholders // translate the requirements into the real problems // organize brainstorming meeting for the given the challenges // list all possible solutions with pro/cons // Responsible for the final decisions and the future roadmap // project management.
- As a tech lead: build up team culture // people management // recruitment // code design review // product devops.

Bridgewell Incorporated (宇匯知識科技)

Researcher, Dept of Research

Aug 2014-Jul 2017

- Optimized machine learning models, including click-through rate (CTR) of digital banner ads and its conversion rate (CVR) prediction.
- Optimized profit/revenue of online advertising Real Time Bidding (RTB).
- Optimized between exploit and exploration for censored data machine learning problems.
- Established AB test system for banner ads selections.
- Feature Selection and Engineering.

Industrial Technology Research Institute (工業技術研究院)

Researcher, Dept of Mechanical Engineering

May 2013-Aug 2014

- Experimental research on low temperature solder (materials and production process).
- Experimental research on 3D MID technology.
- Experimental research on additive manufacturing of metal alloys.

Education

Ph.D. in Materials Science and Metallurgy

Clare College, University of Cambridge, UK

Oct 2008-Dec 2012

Mphil in Micro- and Nano-Technology Enterprise

Girton College, University of Cambridge, UK

Oct 2007-Jun 2008

Msc in Physics

National Taiwan University

Sep 2003-Jul 2005

Bsc in Physics

National Taiwan University

Sep 1999-Jul 2003

Honours and Awards

Award of Outstanding Employees (優秀員工獎)

Bridgewell Incorporation

2016

for the contibution in establishing the control experiment system for the creative selections of the online banner ads.

Prize of Excellent (佳作), 2014 ITRI Innovation Competition

Dept of Mechanical Engineering, Industrial Technology Research Institute

2014

for the idea of share umbrella system.

2nd Prize, Outstanding Research Award (傑出研究獎)

Industrial Technology Research Institute

2014

for the contribution of the development for the 3D-MID technology.

Music Scholar

Girton College, University of Cambridge

2008

for winning the piano competition.