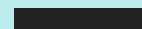


PROFILE

YiFan Zhang received the B.Eng. and M.Eng degrees in reliability and systems engineering from Beijing University of Aeronautics and Astronautics, Beijing, China in 2008 and 2011, respectively, and the Ph.D degree in data science from Queensland University of Technology, Brisbane, Australia, in 2016. He is currently a Postdoctoral Fellow with CSIRO, Agriculture & Food. His research interests include artificial intelligence, time series modeling, cloud computing and the Internet of Things.



CONTACT



(+61) 452208587



ivan@ivivan.com



www.ivivan.com



Brisbane, Australia

YIFAN ZHANG

Postdoctoral Fellow (Digital Agriculture)

Deep Learning Expert in:

Prediction | Outlier Detection | Classification

EXPERIENCE

CSIRO POSTDOCTORAL FELLOW

Future Science Platform | July 2017- present

My responsibilities include:

- Designing and developing a real-time water quality monitoring system
 - LoRa based IoT system development
 - Java/Python AWS network programming
 - SQL/NoSQL database manipulation
- Designing and developing a real-time sensor data filtering system
 - AWS Lambda/S3 programming
 - Data I/O API programming
- Deep learning modelling
 - Expertise in ANN/LSTM/Attention-based/1D-CNN.....
 - Pytorch/Tensorflow and other ML/statistic packages
 - End-to-End project development on AWS Sagemaker

SUPERVISOR

I have supervised over 10 master/undergraduate UQ students. I also act as the external supervisor for 3 PhD/Master students.

- UQ Capstone Project
- UQ-CSIRO Internship Project
- JCU PhD External Reviewer
- JINAN Uni Master Students External Reviewer

PROFESSIONAL ACHIEVEMENTS

Deep Learning/IoT/Cloud Computing:

- International Conferences, such as PAKDD, ICONIP, ICCS, MODSIM
- Top Tier Journals, such as IEEE IOTJ, FGCS
- Two Big Data/Cloud Computing Patents

EDUCATION

QUEENSLAND UNIVERSITY OF TECHNOLOGY

2012-2016

PhD in Data Science (Cloud Computing)

BEIJING UNIVERSITY OF AERONAUTICS AND ASTRONAUTICS

2004-2011

Bachelor in Spacecraft Engineering/Master in Software Engineering