

# Zibo Wang

ALGORITHM PERFORMANCE ENGINEER · PHOTOGRAPHER

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*"Appreciate and change the world."*

## Education

### Queensland International Business Academy

Canberra, Australia

PROFESSIONAL YEAR PROGRAM

May 2021 - Apr. 2022

- Learning essential working skills, including business writing, reporting, networking, working culture, effective communication, etc.
- Contribute to immigrant skill assessment.

### Australian National University

Canberra, Australia

DOUBLE DEGREE IN ADVANCED COMPUTING (HONOURS) AND B.Sc

Jul. 2015 - Mar. 2021

- Specialised in Intelligent Systems and Advanced Mathematics
- PeCan CTF 2019 Mentor
- Class Representatives
- Honours Thesis about Heuristics for Probabilistic Planning in High Distinction

## Skills

**DevOps** Git, Docker, Jenkins, Vagrant, Packer, Bash Script

**Back-end** Django, Flask, REST API

**Front-end** HTML5, Java Script

**Programming** Python, JAVA, C/C++, Haskell, Lua, R, LaTeX, Matlab

**Other** Microsoft Office Suite, Adobe Photoshop, Adobe Lightroom, Final Cut Pro

**Languages** Chinese (Mandarin), English

## Work Experience

### Seeing Machines Limited

Canberra, Australia

ALGORITHM PERFORMANCE ENGINEER

Dec. 2021 - Present

- Support continuous development and execution of Performance Validation Strategy.
- Develop and maintain testing and reporting applications and suites to support performance validation.
- Develop and maintain data management and integrity check application.
- Identify and analysing requirements for performance validation pipeline.
- Testing, debugging, and reporting on the performance of our core product and relevant tools.

### The Australian National University

Canberra, Australia

ACADEMIC TUTOR

Mar. 2021 - Jul. 2021

- Tutoring COMP2550/4450/6445 Advanced Computing R&D Methods.
- Taking Charge of AI Planning Topic.
- I have been demonstrating research and development methods, essential AI Planning concepts. Also I have been helping students conduct research works, developing research skills (literature review, presentation, quantitative methods, qualitative methods, etc.), supervising group research projects.

### The Australian National University

Canberra, Australia

DATA ANALYST

Jul. 2018 - Nov. 2018

- A data managing and analysis platform for paleo-ecologists.
- Complex multidimensional data analysis (PCA, CCA, DCA, Regressions).
- Data visualisation in thesis standard cumulative curves.
- Developed in R and finished as a Shiny Application, deployed on apache server.
- Project presented at AQUA (Australasian Quaternary Association) conference 2018.
- Part of Techlauncher in ANU.

## Questagame

TECH LEAD

- A single page web application that identifies the species of birds.
- Tensorflow model for image recognition
- Architecture design and scripts for setup and testing.
- Developed Restful API to share results to front-end.
- Flask, ReactJS for Interface.
- Deployment tested with Docker. Setup tools made with Bash Script.
- Part of Techlauncher in ANU.

Canberra, Australia

Feb. 2018 - Jun. 2018

## Jun Xin Wei Ke Technology LLC

INTERN

- A startup company targeting at evolving university information systems.
- Developed data collection framework in Java for a high school thesis information system.
- Data crawling for the budget assistant system.
- Helped to develop interfaces with HTML and CSS.

Beijing, China

Dec. 2017 - Feb. 2018

## Hewlett Packard Enterprise

INTERN (ES APPS BUS SCVS DEPARTMENT)

- Sales databases maintenance (Salesforce).
- Python scripts on maintenance.
- Microsoft Excel and Word to make reports.

Beijing, China

Dec. 2016 - Feb. 2017

## Extracurricular Activity

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### Zibography (My Own Studio)

PHOTOGRAPHER & OWNER

- ABN 773 3239 3731
- Freelance Photographer

Canberra, Australia

Apr. 2020 - Present

### PADI (Professional Association of Diving Instructors)

DIVEMASTER (#438193)

- Qualified as Divemaster by PADI Asia Pacific.

Canberra Australia

Jul. 2019 - Present

## Honors & Awards

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DOMESTIC

- |      |   |                     |
|------|---|---------------------|
| 2019 | <b>5th Place</b> , CyBears CTF 2019   | Canberra, Australia |
| 2018 | <b>52th Place (Top 35%)</b> , CySCA (Cyber Security Challenge Australia) 2018 | Australia           |
| 2017 | <b>3rd Place in ANU</b> , ACM Contest 2017                                    | Australia           |