

Zibo Wang

ACADEMIC TUTOR · HONOURS GRADUATE · PHOTOGRAPHER

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“Appreciate and change the world”

Summary

I am a recent honours graduate from the Australian National University. I have just finished doing a Bachelor of Science in Advanced Mathematics and Advanced Computing in Intelligent Systems with Honours double degree. I have finished my honours research in probabilistic planning with high distinction. I have proficiency in Python and Java language. I also have skills in other languages like C, R, Haskell, Ada. I am an enthusiast of new technologies. Currently, I am an Academic Tutor at the Australian National University.

Skills

DevOps	Git, Docker, Vagrant, Packer, Bash Script
Back-end	Django, Flask, REST API
Front-end	Hugo, HTML5, Vue, 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

Education

Australian National University

Canberra, Australia

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

Jul. 2015 - Jan 2021

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

Work Experience

The Australian National University

Canberra, Australia

ACADEMIC TUTOR

Mar. 2021 - Present

- Tutoring COMP2550/4450/6445 Advanced Computing R&D Methods.
- Taking Charge of AI Planning Topic.

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

Canberra, Australia

TECH LEAD

Feb. 2018 - Jun. 2018

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

Jun Xin Wei Ke Technology LLC

INTERN

- 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

Honors & Awards

DOMESTIC

2019 **5th Place**, CyBears CTF 2019

Canberra, Australia

2018 **52th Place (Top 35%)**, CySCA (Cyber Security Challenge Australia) 2018

Australia

2017 **3rd Place in ANU**, ACM Contest 2017

Australia

Extracurricular Activity

Zibography (My Own Studio)

Canberra, Australia

PHOTOGRAPHER & OWNER

Apr. 2020 - Present

- ABN 773 3239 3731
- Freelance Photographer

PADI (Professional Association of Diving Instructors)

Canberra Australia

DIVEMASTER (#438193)

Jul. 2019 - Present

- Qualified as Divemaster by PADI Asia Pacific.