

Jiahao Zhang

RESEARCH STARTER · WEB DEVELOPER

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Education

Australian National University

PHD OF COMPUTER SCIENCE

Canberra, Australia

Mar. 2022 - Present

Australian National University

BACHELOR OF ADVANCED COMPUTING (HONOURS)

• GPA: 6.7 / 7

Canberra, Australia

Jul. 2019 - Jul. 2021

Shandong University, Weihai

BACHELOR OF COMPUTER SCIENCE AND TECHNOLOGY

• GPA: 87.2 / 100

Weihai, China

Sep. 2017 - Jul. 2019

Publications

CONFERENCE PROCEEDINGS

Aligning Step-by-Step Instructional Diagrams to Video Demonstrations

Jiahao Zhang, Yanbin Cherian, Yizhak Ben-Shabat, Cristian Rodriguez, Stephen Gould

Conference on Computer Vision and Pattern Recognition (CVPR), 2023

GoferBot: A Visual Guided Human-Robot Collaborative Assembly System

Zheyu Zhuang, Yizhak Ben-Shabat, Jiahao Zhang, Stephen Gould, Robert Mahony

International Conference on Intelligent Robots and Systems (IROS), 2022

Skills

Python PyTorch, Scikit-Learn, Django, Flask

C/C++ POCO, Cpp Micro Service

JavaScript Vue.js, jQuery

HTML and CSS Quasar, Bootstrap, Ant Design, Element

Database PostgreSQL, MySQL, MongoDB

Server Ubuntu, CentOS, Docker

Experience

The Australian National University

TEACHING ASSISTANT

• Tutor for COMP2420 - Introduction to Data Management, Analysis and Security.

Canberra, Australia

Feb. 2023 - Present

The Australian National University

TEACHING ASSISTANT

• Tutor for COMP3670 - Introduction to Machine Learning and COMP4650 - Document Analysis.

Canberra, Australia

Jul. 2022 - Nov. 2022

The Australian National University

RESEARCH ASSISTANT

• Web maintainer for InfluenceMap and CSMetrics.

Canberra, Australia

May 2022 - Present

Inspur

INTERN SOFTWARE DEVELOPMENT ENGINEER

• I was an intern at the Inspur, which is a Server and Cloud company in China. I helped to build a plugin management system based on Cpp Micro Service.

Jinan, China

Nov. 2019 - Jan. 2020

Shandong University, Weihai, School of Mechanical, Electrical & Information Engineering

MAJOR DEVELOPER OF WEIHAI CONSTRUCTION CONSULTING SYSTEM

• I was a major developer (one of six) of the Weihai Construction Consulting System, which is an enterprise-level business projects.

Weihai, China

Mar. 2019 - Jul. 2019

Shandong University, Weihai, School of Mechanical, Electrical & Information Engineering

Weihai, China

DEVELOPER OF SCHOOL BOOKING SYSTEM

May. 2019 - Jul. 2019

- I was an independent developer of the Booking System designed to simplify the appointment process.

Shandong University, Weihai, School of Mechanical, Electrical & Information Engineering

Weihai, China

MAJOR MAINTAINER FOR VJ

Feb. 2018 - Jul. 2019

- I was the major maintainer (one of three) of the VJ (Virtual Judge for ACM practice) system developed by a senior student. The system has more than 10K submissions since first published in 2017.

Accomplishments

May. 2021 **Chancellor's Letter of Commendation**,

Canberra, Australia

Nov. 2020 **1st Place**, Scholarship of Studying Abroad

Weihai, China

Jul. 2019 **1st Place**, Scholarship of Abroad Special

Weihai, China

Jul. 2019 **3rd Place**, Scholarship of University

Weihai, China

Jul. 2018 **2nd Place**, Scholarship of Research and Innovation

Weihai, China

Jul. 2018 **3rd Place**, Scholarship of University

Weihai, China

Jun. 2018 **2nd Place**, "LanQiao" Programming Competition

Weihai, China