

Terry Zhuo

NLP RESEARCHER · PROGRAMMER

☎ (+61) 403280788 | ✉ terryzhuo25@gmail.com | 📱 terryyz | 🌐 terry-zhuo

“Be the change that you want to see in the world.”

Summary

Current Computer Science Undergraduate at UNSW. Experience in digital signal processing, quantum computing and natural language processing. Research interests lie in question answering, machine reading comprehension and language model. Super nerd who loves Python, C++ and Linux and enjoys to customize all of the development environment. Interested in devising a better problem-solving method for challenging tasks, and learning new technologies and tools if the need arises.

Work Experience

Data61, CSIRO

Melbourne, Victoria

RESEARCH STUDENT, SUPERVISED BY **CONRAD SANDERSON**

Dec. 2020 - Present

- Working closely with PhD students in the team on several NLP projects.
- Proposed a zero-shot question answering model that improves over the state-of-the-art QA models.
- Co-authored a top conference paper in COLING 2020.

Monash Univeristy

Melbourne, Victoria

RESEARCH ASSISTANT, SUPERVISED BY **REZA HAFFARI**

May. 2020 - Present

- Working closely with PhD students in the team on several NLP projects.
- Proposed a zero-shot question answering model that improves over the state-of-the-art QA models.
- Co-authored a top conference paper in COLING 2020.

UNSW Sydney

Sydney, Australia

CASUAL ACADEMIC

Feb. 2020 - Present

- Teaching in **ENGG1000: Introduction to Engineering Design and Innovation**
- Teaching in **ELEC2134: Circuits and Signals**

Quantum Computation and Communication Technology (CQC2T), UNSW Sydney

Sydney, Australia

RESEARCH STUDENT, SUPERVISED BY **ARNE LAUCHT**

Nov. 2019 - Sep. 2020

- Proposed a research project of digitizing the lock-in amplifier in MATLAB.
- Proposed the implementation structure of the digitizing lock-in amplifier in the team's quantum computing system.

Microsoft

Shanghai, China

SOFTWARE ENGINEERING INTERN

Dec. 2019 - Feb. 2020

- Applied Azure SQL DB/DW, Azure Data Lake Storage, Azure Data Lake Analytics, Azure Machine Learning, Stream Analytics, Azure Data Factory, or Cosmos DB to companies' data.
- Designed cloud architecture for top tier companies.
- Strongly recommended by **Michael Wang**.

Project

Off-world Robotics Project, Vertically Integrated Project

UNSW Sydney

RESEARCHER

Feb. 2020 - Present

- Determining the constraints of our embedded systems, sourcing embedded boards for use on the prototype rovers, and testing them with an RTOS or scheduling architecture.
- Researching existing approaches to the SLAM problem, comparing them, and proposing a SLAM system for use on the rovers.

Education

UNSW Sydney (University of New South Wales)

Sydney, Australia

B.S. IN COMPUTER SCIENCE AND ENGINEERING (MINOR IN ELECTRICAL ENGINEERING)

Jul. 2018 - May. 2021(Expected)

- Weighed Average Mark 87.2, Top 2% in Faculty of Engineering

Extracurricular Activity

BLUESAT

POWER ENGINEER

- Working on the satellite project which will be launched in 2021-2022.
- Supervising in MPPT board testing and designing.

UNSW Sydney

Oct. 2019 - Present

ELSOC UNSW

ACADEMIC TUTOR, SUB-COMMITTEE MEMBER

- Ran crashcourses (lectures) where more than twenty students on average attended.

UNSW Sydney

May. 2019 - Present

Publication

Paper Track: Question Answering, Textual Inference, Language Understanding

Monash University

SECOND AUTHOR

June. 2020

- Under review in COLING 2020

Honors & Awards

2020 **Data61 Project Winner**, CSIRO Undergraduate Vacation Scholarships | CSIRO

Dutton Park,

Australia

2019 **Highly Commended Undergraduate**, Dean's Honours List | UNSW Engineering

Sydney, Australia

2019 **Taste of Research Winner**, Taste of Research Scholarships | UNSW Engineering

Sydney, Australia

Service

2020 **Volunteer (Zoom Host)**, [WiNLP 2020](#)

Seattle, WA