

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

Monash University

Melbourne, Victoria

RESEARCH ASSISTANT, SUPERVISED BY REZA HAFARI

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)

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

Extracurricular Activity

BLUESAT

UNSW Sydney

POWER ENGINEER

Oct. 2019 - Present

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

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

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
- 2019 **Highly Commended Undergraduate**, Dean's Honours List | UNSW Engineering
- 2019 **Taste of Research Winner**, Taste of Research Scholarships | UNSW Engineering

Dutton Park,
Australia
Sydney, Australia
Sydney, Australia

Service

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

Seattle, WA