

TERRY YUE ZHUO

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EDUCATION

Monash University, Melbourne 2022

Bachelor of Computer Science (Honours)

University of New South Wales, Sydney 2018 – 2021

Bachelor of Electrical Engineering (Honours), (Internal Transferred)

Bachelor of Computer Science

RESEARCH

Monash University June, 2020 – Present

Mentor: Lizhen Qu, Gholamreza Haffari

- **Project:** Commonsense Reasoning in Natural Language
- **Project:** Construction of a Multi-modal Procedural Knowledge Base for Action Planning

University of New South Wales June, 2021 – Sep, 2021

Mentor: Lizhen Qu, Lina Yao

- **Project:** Neuro-symbolic Visual Reasoning

Monash University & Aalto University 2021

Collaborator: Li Zhuang, Han Xiao

- **Project:** Extreme Multi-label Classification with Meta Learning

Harrison AI Dec, 2020 – Feb, 2021

Supervisor: Ben Hachey

- **Project:** Electronic Patient Report Prioritization

TEACHING

*: Graduate Course

University of New South Wales

- **ENGG1000: Introduction to Engineering Design and Innovation** 20T1, 20T3, 21T1
- **ELEC2134: Circuits and Signals** 20T1, 20T3, 21T1
- **COMP1531: Software Engineering Fundamentals** 21T1
- **COMP2521: Data Structures and Algorithms** 21T1, 21T2
- **COMP9020*: Foundations of Computer Science** 21T1
- **COMP9021*: Principles of Programming** 21T1, 21T2
- **COMP9024*: Data Structures and Algorithms** 21T1 (Course Admin), 21T2

University of Sydney

- **COMP9123*: Data Structures and Algorithms** 21S2 (Designer)

Monash University

- **FIT5217*: Data Structures and Algorithms** 21S1

PUBLICATION

MUHACU: A Benchmark Dataset for Multi-modal Human Activity Understanding

CIKM 2021 (in submission)

Dynamic Neural Symbolic Reasoner on Commonsense Knowledge

EMNLP 2021 (in submission)

Neural Symbolic Commonsense Reasoner with Relation Predictors

*Farhad Moghimifar, Lizhen Qu, **Yue Zhuo**, Mahsa Baktashmotlagh and Gholamreza Haffari*

ACL 2021

PyArmadillo: an alternative approach to linear algebra in Python

*Jason Rumengan, **Terry Yue Zhuo**, Conrad Sanderson*

JOSS (in submission)

COSMO: Conditional SEQ2SEQ-based Mixture Model for Zero-Shot Commonsense Question Answering

*Farhad Moghimifar, Lizhen Qu, **Yue Zhuo**, Mahsa Baktashmotlagh and Gholamreza Haffari*

COLING 2020

HONORS & AWARDS

Winter Research Scholarships Recipient (A\$2,000), Faculty of IT, Monash University	2021
Summer Research Scholarships Recipient (A\$5,000), Faculty of IT, Monash University	2021
Taste of Research scholarships Recipient (A\$6,000) (<i>declined</i>), Faculty of Engineering, UNSW	2021
Dean's Honours List (Highly Commended), <i>Top 2% of UNSW Engineering</i>	2019-2021
Taste of Research scholarships Recipient (A\$6,000), Faculty of Engineering, UNSW	2020

PROJECT

PyArmadillo	[Project Page]
Py-Googletrans	[Github]