

# TERRY YUE ZHUO

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## EDUCATION

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**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

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**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

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\*: 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\*: Natural Language Processing** 21S1

## PUBLICATION

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### **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

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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

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PyArmadillo	[Project Page]
Py-Googletrans	[Github]