

Haoran Yang

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EDUCATION

University of Technology Sydney

Doctor School of Computer Science of Faculty of Engineering and Information Technology

Apr 2021 - Aug 2025

Sydney, Australia

Research Interest: Graph Neural Networks, Graph Data Mining, Recommender Systems

Supervisor: Prof. [Guandong Xu](#)

Nanjing University

Bachelor Department of Computer Science and Technology

Sep 2016 - Jul 2020

Nanjing, China

- B.S in Computer Science and Technology (FinTech)
- B.Eng. Minor in Financial Engineering
- Overall GPA: 4.29/5.00, Compulsory Courses' GPA: 4.27/5.00
- Some related courses:
 - Python Programming & Principles and Applications of Database Systems
 - Introduction to Data Mining & Introduction to Machine Learning

HONORS & AWARDS

ARC Linkage Project Scholarship

Feb 2021

International Research Scholarship

Feb 2021

Scholarship for Elite

Nov 2019 & Nov 2018

People's Scholarship, Tier 3

Nov 2019 & Nov 2018

MCM/ICM 2019, Honorable Mention

Apr 2019

The 14th Citi Financial Innovation Application Competition, Third Prize

Nov 2018

INTERNSHIP & EXCHANGE EXPERIENCE

University of Technology Sydney

Oct 2020 - Present

Research Assistant, DSMI Group

- I was admitted as a Ph.D. student by DSMI Group of the University of Technology Sydney. The program starts in Mar 2021. Before officially joining the group, I am currently involved in the group's research activities as a research assistant.
- My research interests include graph representation learning and recommender system.

Moffett.AI

May 2020 - Jul 2020

Research Intern

Shenzhen, China

- Conduct research and development on state-of-the-art algorithm-hardware code designed solutions including but not limited to model compression, efficient network architectures.
- Conduct research on the applications of Graph Neural Networks in the recommender systems.

Florida State University

Aug 2019 - Oct 2019

Student Intern IFM Lab of Department of Computer Science

Tallahassee, USA

- I was supervised by [Dr. Jiawei Zhang](#) who is the founding director of [IFM Lab](#).
- My research interests include Graph Neural Networks, Data Mining, and Recommender System.

PROJECT EXPERIENCE

Predicting Correlation between Funds, Big Data and Computational Intelligence Contest 2018, China Computer Federation

Oct 2018 - Nov 2018

Nanjing, China

Team Leader

- My team was ranked top 6% nationwide (69/1229).

An Information Retrieval-based(IR-based) Approach Combining with Code Independencies for Updating Requirements

Jul 2017 - Nov 2019

Nanjing, China

Research Assistant

- This project aims to recommend outdated requirements for software maintainers and help them improve maintaining efficiency. This project was under provincial-level guidance.

Survey of Psychological Conditions and Mutual Aid System of Handicapped Children's Parents Based on Social Media

Jul 2017 - Aug 2017

Changsha, China

Investigator

- Our research aimed to explore new solutions for social welfare and charity career issues.

Service & Volunteering

Student Union of Nanjing University

Sep 2016 - Jun 2017

Department Executive Students' Rights Service

Nanjing, China

- My department focuses on student rights protection, volunteering work and public service.