

# HAOYU GAO

700 Swanston Street, Melbourne, Victoria, Australia

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## EDUCATION

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### **The University of Melbourne**

*Jan 2023 - Present*

Doctor of Philosophy - Engineering and IT

Supervisors: Dr. Christoph Treude and Dr. Mansooreh Zahedi

Research Topic: Automatic Techniques to Mitigate Software Documentation Issues.

### **The University of Melbourne**

*Feb 2021 - Dec 2022*

Master of Information Technology

GPA: 86.7/100

Coursework: Multivariate Statistics, Cluster and Cloud Computing, Software Process Management, Statistical Machine Learning, Natural Language Processing, Computer Vision.

### **Fuzhou University**

*Sep 2016 - July 2020*

Bachelor of Science - Mathematics and Applied Mathematics

GPA: 86.6/100

Coursework: Mathematics Analysis, Advanced Algebra, Real Analysis, Complex Analysis, Function Analysis, Ordinary Differential Equation, Partial Differential Equation, Modern Algebra, Topology, Differential Geometry, Fuzzy Mathematics, Graph Theory.

## EXPERIENCE

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### **Research Assistant**, the University of Melbourne

*Dec 2023- Present*

Skills: Mining software repositories, Qualitative analysis

### **Machine Learning Internship**, Haier Group Corporation

*Oct 2021- Feb 2022*

Skills: Machine Learning, Data analysis

## ACTIVITIES

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### **Student Volunteer**

*May 2023- May 2023*

Event: ICSE 2023 - International Conference on Software Engineering

Skills: registration assistance and presentation session support.

### **Peer Mentor**, Fuzhou University

*Sep 2018- Jan 2019*

Skills: Providing supports to freshmen in the university.

## SKILLS

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### **Programming**

Python, Java, JavaScript, R.

### **Languages**

Mandarin, English.

## AWARDS AND SCHOLARSHIPS

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### **2022 Dean's Honours List**, The University of Melbourne

*July 2023*

The Dean's Honours List recognises outstanding academic performance in the academic year, representing the top five per cent of students enrolled in an engineering or information technology master by coursework program.

### **Melbourne Research Scholarship**, The University of Melbourne

*Jan 2023*

This scholarship is rewarded to high-achieving students participating in research activities.

**Melbourne Graduate Scholarship**, The University of Melbourne

*Jan 2022*

This scholarship is rewarded coursework students in recognition of their academic achievements.

## **PUBLICATIONS**

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**H. Gao**, C. Treude, and M. Zahedi. “Evaluating Transfer Learning for Simplifying GitHub READMEs”. In *ESEC/FSE’23: Proceedings of the Joint European Software Engineering Conference and Symposium on the Foundations of Software Engineering, 2023*. To appear.