JUNWEN AN

Github ◇ junwenan@u.nus.edu ◇ Homepage

EDUCATION

National University of Singapore   Aug. 2024 - Present
Ph.D. in Computer Science   *Singapore*
Advisor: Prof. Manuel Rigger

University of Notre Dame   Aug. 2023 - Dec. 2023
Exchange Student   *Notre Dame, IN*
Advisor: Prof. Toby Jia-jun Li

Southern University of Science and Technology   Sept. 2020 - Jun. 2024
B.Eng. in Computer Science and Technology   *Shenzhen, China*
GPA: 3.86/4.00 (Top 5%)
Advisor: Prof. Yuqun Zhang

PUBLICATIONS

2. [**ICSE'24**] Ling Jiang, **Junwen An**, Huihui Huang, Qiyi Tang, Sen Nie, Shi Wu, and Yuqun Zhang. *"BinaryAI: Binary Software Composition Analysis via Intelligent Binary Source Code Matching"*. [paper]

1. [**ICSE'24 Demo**] Ningzhi Tang*, **Junwen An***, Meng Chen, Aakash Bansal, Yu Huang, Collin McMillan, and Toby Jia-Jun Li. *"CodeGRITS: A Research Toolkit for Developer Behavior and Eye Tracking in IDE"*. [paper] [website]

RESEARCH EXPERIENCE

ARiSE Lab, SUSTech   Jun. 2021 - Present
Advisor: Prof. Yuqun Zhang
Keywords: Software Composition Analysis, Software Engineering, AI4SE

SaNDwich Lab, University of Notre Dame   Aug. 2023 - Dec. 2023
Advisor: Prof. Toby Jia-jun Li
Keywords: Human-Computer Interaction, Software Engineering, Programming Tools

WORK EXPERIENCE

IDEA (International Digital Economy Academy)   Jan. 2024 - Apr. 2024
Programming Language and Dev Tools Intern   Shenzhen, China

Teaching Assistant

- CS6223: Advanced Topics in Software Testing, NUS   Fall 2025
- CS3213: Foundations of Software Engineering, NUS   Spring 2025
- CS202: Computer Organization, SUSTech   Spring 2023
- CS207: Digital Logic, SUSTech *(Awarded Outstanding Teaching Assistant)*   Fall 2022

SERVICES

- Student Volunteer   OOPSLA'25
- Artifact Evaluation Committee   SIGMOD'25
- Student Area Search Committee   2025

SELECTED AWARDS

- NUS Research Scholarship   2024 - 2028
- Outstanding Graduate, SUSTech   2024
- Merit Student Scholarships, SUSTech   2021, 2022, 2023