JUNWEN AN

Github ◇ anjw2020@mail.sustech.edu.cn ◇ 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
Visiting Student — *Notre Dame, IN*
Advisor: Prof. Toby Jia-jun Li

Southern University of Science and Technology — Sept. 2020 - Jun. 2024 (Expected)
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
- CS202: Computer Organization, SUSTech — Spring 2023
- CS207: Digital Logic, SUSTech *(Awarded Outstanding Teaching Assistant)* — Fall 2022

SELECTED AWARDS

- Outstanding Graduate, SUSTech — 2024
- Merit Student Scholarships, SUSTech — 2021, 2022, 2023

SKILLS

Programming	Java, JavaScript/TypeScript, C/C++, Python and others.
Frameworks	React, Next.js, Spring Boot, ASP .NET, Pytorch, Android.
Tools	Git, Docker, Figma, Adobe Photoshop, Adobe Premiere.
Languages	Mandarin, English, Japanese