# 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*
*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 |