

# Yiwei Liu

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Website

github/openreview

## Education

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2021 - 2025 Bachelor of Computer Science

**Nanjing university** , GPA: **4.57/5.00** (Top **4.3%**)

## Rewards

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- Outstanding Student of Kaijia Academy.
- Yangtze River Alumni Scholarship (Top **3%**).
- People's Scholarship First Prize (Top **10%**).

## Projects

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- **NEMU**  
Built an i386 hardware emulator, accurately simulating hardware-level operations.
- **miniOS**  
Designed and developed a simplified operating system. Incorporated features such as concurrency support and file systems, demonstrating a comprehensive understanding of OS principles and design.
- **Tai-e**  
Built a simplified version of Tai-e, a static analysis framework for Java.
- **Scheme Interpreter**  
Developed a Python interpreter for a Scheme language subset.
- **pyRouter**  
Implemented router functions and protocols in Python, demonstrating network protocol proficiency.
- **Ants Vs. SomeBees & Carrot Defense**  
Developed two engaging tower defense games featuring graphical user interfaces.

## Research Experience

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- FormulaQA: A Question Answering Dataset for Formula-Based Numerical Reasoning, Xiao Li, Sichen Liu, Bolin Zhu, Yin Zhu, **Yiwei Liu**, Gong Cheng (Submitting to NIPS)
- LogiNumBENCH: Benchmarking Joint Numerical and Logical Reasoning over Natural Language, **Yiwei liu**, Xiao Li, Gong Cheng (Submitting to NIPS)

# 刘艺葳

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## 教育背景

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2021 - 2025 计算机科学与技术本科  
南京大学, GPA: **4.57/5.00** (Top **4.3%**)

## 得奖情况

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- 开甲书院优秀学生
- 长江苏友奖学金 (Top **3%**).
- 人民奖学金一等奖 (Top **10%**).

## 项目经历

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- **NEMU**  
构建了一个 i386 硬件仿真器, 模拟硬件级别的操作。
- **miniOS**  
设计并开发了一个简化版操作系统, 集成了并发支持和文件系统等功能。
- **Tai-e**  
构建了一个简化版的Tai-e, 一个针对 Java 的静态分析框架。
- **Scheme Interpreter**  
为 Scheme 语言的一个子集开发了一个 Python 解释器。
- **pyRouter**  
用 Python 实现了路由器功能和协议。
- **Ants Vs. SomeBees & Carrot Defense**  
开发了两款具有图形用户界面的塔防游戏。

## 研究经历

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- FormulaQA: A Question Answering Dataset for Formula-Based Numerical Reasoning, Xiao Li, Sichen Liu, Bolin Zhu, Yin Zhu, **Yiwei Liu**, Gong Cheng (Submitting to NIPS)
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