# ZONGYI LYU

✉ zlyuaj@connect.ust.hk · ☎ +(86) 181-2368-2680 (+852) 4429-8643

## 🎓 EDUCATION

**The Hong Kong University of Science and Technology**, Hong Kong, China     Sep 2024 – Present

*Ph.D. in Computer Science and Engineering*

- Scholarship:
  - **Research Postgraduate Scholarship**

**Harbin Institute of Technology, Shenzhen (HITSZ)**, Shenzhen, China     Sep 2020 – Jul 2024

*B.E. in Computer Science*

- GPA: 93.051/100, 3.932/4.0
- Scholarship:
  - **National Scholarship  (4/523)**
  - **The First-class Academic Scholarship  (Top 10 of 523 students)**
  - **Outstanding Student in Harbin Institute of Technology**

## 👥 RESEARCH EXPERIENCE

**Code Analysis, Testing and Learning Lab (CASTLE Lab), HKUST**     Sep 2024 – Present

*Ph.D. Student*   Supervisor: Prof. Shing-Chi Cheung & Prof. Shuai Wang

**Software Analysitics and Reliability Lab, HITSZ**     Sep 2022 – Jul 2024

*Research Assistant*   Supervisor: Prof. Cuiyun Gao

## ℹ RESEARCH INTEREST

Intelligent Software engineering (AI4SE)

- **Intelligent Code Analysis (LLM4SE)**: Code retrieval, Code Generation
- **Intelligent Software Testing**: Automatic Software Testing, Automatic Program Repair

## ℹ PUBLICATIONS & PREPRINTS

- W. Gu, **Z. Lyu**, Y. Wang, H. Zhang, C. Gao, and Michael R. Lyu, "SPENCER: Self-Adaptive Model Distillation for Efficient Code Retrieval", *2023 IEEE Transactions on Software Engineering(TSE)*, 2023. (Major Revision)

## ⚙ AWARDS

National Software Engineering "Lan Qiao Cup" Design Contest   *First Prize*                    2023
National Software Engineering "Lan Qiao Cup" Design Contest Finals   *Third Prize*        2022
The Chinese Mathematics Competitions   *Second Prize*                                              2021
FLTRP Cup National English Speech Contest   *Third Prize*                              2020 & 2021