

# Yutian Tang, Ph.D.

*Assistant Professor  
(UK Lecturer w. Tenure)  
Senior Member, IEEE*

*School of Computing Science  
University of Glasgow  
Glasgow, Scotland, United Kingdom*  
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## Research Interests

**Research expertise** Large Language Model, Agentic AI, AI Applications, AI4SE, Green AI, Mining Software Repositories, Mobile System

## Profile

Dr. Yutian Tang is an Assistant Professor at the University of Glasgow. His research lies at the intersection of artificial intelligence and software engineering, with a focus on large language models for program analysis, software security, and automated software engineering. He has published in top-tier venues including ICSE, OOPSLA, ASE, ISSTA, WWW, and leading journals such as IEEE Transactions on Software Engineering (TSE) and ACM Transactions on Software Engineering and Methodology (TOSEM). His work has received an ACM SIGSOFT Distinguished Paper Award. He has secured over £418,000 in research funding as Principal Investigator from major agencies and industry partners, including OpenAI, Google, and NSFC. He also serves as a reviewer for EPSRC and a member of the EPSRC Peer Review College, and has been a program committee member for major conferences such as ICSE, FSE, and ASE.

## Education

- 2023-2025 **Postgraduate Certificate in Academic Practice**, University of Glasgow, UK
- 2013-2018 **Ph.D.**, Department of Computing, The Hong Kong Polytechnic University, Hong Kong SAR, China
  - Advisor ○ Full Prof. Xiapu Luo, and Dr. Hareton Leung (Associate Professor Emeritus)
- 2009-2013 **B.Sc.**, Department of Computer Science and Technology, Jilin University, China

## Research Positions

- 2023-Present **Assistant Professor (UK Lecturer/Tenured (on-going))**,  
*School of Computing Science,  
University of Glasgow, Glasgow, United Kingdom*
- 2020-2023 **Assistant Professor**, *School of Information Science and Technology,  
ShanghaiTech University, China*
- 2018-2020 **Post-doc Research Fellow**, *The Hong Kong Polytechnic University, Hong Kong SAR, China*

## Visiting Positions

- 2025-2025 **Visiting Professor**,  
*Department of Computer Science, Host: Prof. Per Runeson  
Lund University  
Lund, Sweden (Under Get Started Funding Scheme)*

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## Grants

Summary I have secured 8 research grants as solo PI or leading PI, which collectively amount to 418,836 (GBP)/553,405 (USD) in total.

As Solo or Leading Principal Investigator (8)

Summary £418,836 secured as solo or leading Principal Investigator

**OpenAI Cybersecurity Grant**, OpenAI, 2025–2026  
**Get Started Funding**, Lund University (with Prof. Per Runeson), 2025–2026  
**Google Cloud for Researchers Program**, Google, 2024–2025  
**OpenAI Researcher Access Program**, OpenAI, 2024–2025  
**Start-up Research Grant**, University of Glasgow, 2023–2025  
**NSFC Youth Program** (competitive, success rate 17.29%), 2023–2025  
**Shanghai Pujiang Program**, 2021–2023  
**Early Career Research Fund**, ShanghaiTech University, 2020–2023

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## Publications

Google Scholar <https://scholar.google.com/citations?user=cgdLmTUAAAAAJ>

Top-tier Conf./Journal (21)  
ESEC/FSE (1); ICSE (1); WWW (1); ASE (4); IEEE TSE (10), ACM TOSEM (1), OOPSLA (2), ISSTA (1);

\* for the corresponding author, (stu) for my students under my supervision

Refereed Conference Papers (26);

- C.26 Zeyu Lu, Peng Zhang, Yuge Nie, Yibiao Yang, **Yutian Tang**, Chun Yong Chong, Yuming Zhou, “Beyond Coverage: Automatic Test Suite Augmentation for Enhanced Effectiveness Using Large Language Models”, *International Conference on Object-Oriented Programming Systems, Languages, and Applications (OOPSLA)*,2026
- C.25 Zhaoyu Qiu, Ming Fan, Bocan Ma, **Yutian Tang**, Lei Xue, Haijun Wang, Ting Liu, “WhisperCatcher: Demystifying Unauthorized and Encrypted Private Data Transmission in Android Applications”, *IEEE/ACM International Conference on Software Engineering (ICSE)*,2026 **SIGSOFT Distinguished Paper Award**;
- C.24 David Romero Organv́idez<sup>(stu.)</sup>, Oscar D́az, **Yutian Tang**, David Benavides. “Feedback Analysis in Software Product Line Forked Developments”, *ACM International System and Software Product Line Conference (SPLC)*,2025;
- C.23 Zhijie Liu<sup>(stu.)</sup>, Qiyi Tang , Sen Nie, Shi Wu, Liangfeng Zhang, **Yutian Tang**\*. “KEENHash: Hashing Programs into Function-aware Embeddings for Large-scale Binary Code Similarity Analysis”, *ACM SIGSOFT International Symposium on Software Testing and Analysis (ISSTA)*,2025
- C.22 **Yutian Tang**, Hongchen Cao, Yuxi Chen, David Lo. “Characterising Bugs in Jupyter Platform”, *International Conference on Evaluation and Assessment in Software Engineering (EASE)*,2025
- C.21 Yuchen Ji, Ting Dai, Zhichao Zhou, **Yutian Tang**,Jingzhu He. “Artemis: Toward Accurate Detection of Server-Side Request Forgeries through LLM-Assisted Inter-Procedural Path-Sensitive Taint Analysis”, *The Object-Oriented Programming, Systems, Languages, and Applications (OOPSLA)*,2025
- C.20 Yuchen Ji, Ting Dai, **Yutian Tang**, Jingzhu He, “Whether We Are Good Enough to Detect Server-Side Request Forgeries in PHP-native Applications?”, *ACM Conference on Computer and Communications Security (CCS) Poster Track*,2024;
- C.19 Zhijie Liu<sup>(stu.)</sup>, Liangfeng Zhang, **Yutian Tang**\*, “Enhancing Malware Detection for Android Apps: Detecting Fine-granularity Malicious Components”, *IEEE/ACM Automated Software Engineering (ASE) Conference*,2023: pp. 1212–1224

- C.18 Zhichao Zhou<sup>(stu.)</sup>, Yuming Zhou, Chunrong Fang, Zhenyu Chen, **Yutian Tang\***, “Selectively Combining Multiple Coverage Goals in Search-Based Unit Test Generation”, *35th IEEE/ACM International Conference on Automated Software Engineering (ASE)*,2022: pp. 1-12
- C.17 Guosheng Xu, Siyi Li, Hao Zhou, Shucen Liu, **Yutian Tang**, Li Li, Xiapu Luo, Xusheng Xiao, Guoai Xu and Haoyu Wang, “Lie to Me: Abusing the Mobile Content Sharing Service for Fun and Profit”, *The Web Conference (WWW)*, 2022: pp. 3327–3335
- C.16 Zejun Wu, Chao Ma, Xiaochuan Shi, Libing Wu, Dian Zhang, **Yutian Tang**, “BRNN-GAN: Generative Adversarial Networks with Bi-directional Recurrent Neural Networks for Multivariate Time Series Imputation”, *IEEE International Conference on Parallel and Distributed Systems*,2021: pp. 217-224
- C.15 Kunsong Zhao, Zhou Xu, Meng Yan, **Yutian Tang**, Ming Fan, Gemma Catolino, “Just-in-Time Defect Prediction for Android Apps via Imbalanced Deep Learning Model”, *The 36th ACM/SIGAPP Symposium On Applied Computing*,2021: pp 1447-1454.
- C.14 Hao Zhou, Haoyu Wang, Yajin Zhou, Xiapu Luo, **Yutian Tang**, Lei Xu, Ting Wang, “Demystifying Diehard Android Apps”, *35th IEEE/ACM International Conference on Automated Software Engineering (ASE)*,2020: pp. 187-198;
- C.13 Kunsong Zhao, Zhou Xu, Tao Zhang, **Yutian Tang**, “Simplified Deep Forest Model based Just-In-Time Defect Prediction for Android Mobile Apps”, *20th International Conference on Software Quality, Reliability, and Security (QRS)*, 2020;
- C.12 **Yutian Tang**, Yulei Sui, Haoyu Wang, Xiapu Luo, Hao Zhou, Zhou Xu, “All Your App Links (are) Belong to Us: Understanding the Threats of Instant Apps based Attacks”, *The ACM Joint European Software Engineering Conference and Symposium on the Foundations of Software Engineering (ESEC/FSE)*,2020, **the vulnerability reported is confirmed by Google**;
- C.11 Yan Cai, **Yutian Tang**, Haicheng Li, Le Yu, Hao Zhou, Xiapu Luo, Liang He, Purui Su, “Resource Race Attacks on Android”, *27th IEEE International Conference on Software Analysis, Evolution and Reengineering (SANER)*,2020, , **the vulnerability reported is confirmed by Google**
- C.10 **Yutian Tang**, Xian Zhan, Hao Zhou, Xiapu Luo, Zhou Xu, Yajin Zhou, Qiben Yan, “Demystifying Application Performance Management Libraries for Android”, *The 34th IEEE/ACM International Conference on Automated Software Engineering (ASE)*, pp. 682-685, 2019
- C.9 Zhou Xu, Sizhe Ye, Tao Zhang, Zhen Xia, Shuai Pang, Yong Wang, **Yutian Tang**, “MVSE: Effort- Aware Heterogeneous Defect Prediction via Multiple-View Spectral Embedding”, 19th International Conference on Software Quality, Reliability, and Security (QRS),pp. 10-17, 2019
- C.8 Zhou Xu, Shuai Pang, Yifeng Zhang, **Yutian Tang**, Jin Liu, Xiapu Luo, Jacky Keung, Xiaohui Cui, “Identifying Crashing Fault Residence Based on Cross Project Model”, International Symposium on Software Reliability Engineering (ISSRE), pp. 183-194, 2019
- C.7 Xian Zhan, Tao Zhang, **Yutian Tang**, “A Comparative Study of Android Repackaged Apps Detection Techniques”, 2019 IEEE International Conference on Software Analysis, Evolution, and Reengineering (SANER),pp. 321-331, 2019
- C.6 Xuejiao Zhao, Hongwei Li, **Yutian Tang**, Dongjing Gao, Lingfeng Bao, Chinghung Lee, “A Smart Context-aware Program Assistant based on Dynamic Programming Event Modeling”, The 29th IEEE International Symposium on Software Reliability Engineering (ISSRE), pp 24-29, 2018, **Best Industrial Paper Award**;
- C.5 Zhou Xu, Shuai Li, **Yutian Tang**, Xiapu Luo, Tao Zhang, Jin Liu, Jun Xu, “Cross Version Defect Prediction with Representative Data via Sparse Subset Selection”, 26th IEEE/ACM International Conference on Program Comprehension (ICPC), 2018;
- C.4 **Yutian Tang**, Hareton Leung, “Constructing Feature Model by Identifying Variability-aware Modules”, 25th IEEE/ACM International Conference on Program Comprehension (ICPC), pp. 263-274, 2017;

- C.3 **Yutian Tang**, Hareton Leung, "StiCProb: A Novel Feature Mining Approach using Conditional Probability", 24th IEEE International Conference on Software Analysis, Evolution, and Reengineering (SANER), pp. 45-55, 2017
- C.2 **Yutian Tang**, Hareton Leung, "Feature Mining for Product Line Construction", The First International Conference on Advances and Trends in Software Engineering (SOFTENG), pp.29-33, 2015;
- C.1 **Yutian Tang**, Hareton Leung, "A Top-down Feature Mining Framework for Software Product Line", 17th International Conference on Enterprise Information Systems (ICEIS), pp.71-81, 2015;
- [Refereed Journal Articles \(23\)](#)
- J.23 Yongkun Liu, Jiachi Chen, Tingting Bi, John Grundy, Yanlin Wang, Ting Chen, **Yutian Tang**, Zibin Zheng, "An Empirical Study on Low Code Programming using Traditional vs Large Language Model Support", *Accepted to Journal of Systems and Software*, 2025
- J.22 Zhijie Liu<sup>(stu.)</sup>, **Yutian Tang**<sup>\*</sup>, Meiyun Li, Xin Jin, Yunfei Long, Liang Feng Zhang, Xiapu Luo "LLM-CompDroid: Repairing Configuration Compatibility Bugs in Android Apps with Pre-trained Large Language Models", *ACM Transactions on Software Engineering and Methodology*, 2025
- J.21 **Yutian Tang**, Xiapu Luo, Yuming Zhou, "A Systematic Study on Real-world Android App Bundles", *IEEE Transactions on Software Engineering*, 2025
- J.20 Xutong Liu, Yufei Zhou, **Yutian Tang**, Junyan Qian, Yuming Zhou. "Human-in-the-loop online just-in-time software defect prediction: What have we achieved and what do we still miss?", *Science of Computer Programming*, 2025
- J.19 Jianzhong Su, Jiachi Chen, Zhiyuan Fang, Xingwei Lin, **Yutian Tang**, and Zibin Zheng. "SmartOracle: Generating Smart Contract Oracle via Fine-Grained Invariant Detection." *IEEE Transactions on Software Engineering*, 2025
- J.18 Jinan Jiang, Zihao Li, Haoran Qin, Muhui Jiang, Xiapu Luo, Xiaoming Wu, Haoyu Wang, **Yutian Tang**, Chenxiong Qian, Ting Chen, "Unearthing Gas-Wasting Code Smells in Smart Contracts with Large Language Models", *IEEE Transactions on Software Engineering*, 2024
- J.17 Zhichao Zhou<sup>(stu.)</sup>, Yuming Zhou, Chunrong Fang, Zhenyu Chen, Xiapu Luo, Jingzhu He, **Yutian Tang**<sup>\*</sup>, "Coverage Goal Selector for Combining Multiple Criteria in Search-Based Unit Test Generation", *IEEE Transactions on Software Engineering*, 2024
- J.16 Zhijie Liu<sup>(stu.)</sup>, **Yutian Tang**<sup>\*</sup>, Xiapu Luo, Yuming Zhou, Liang Feng Zhang, "No Need to Lift a Finger Anymore? Assessing the Quality of Code Generation by ChatGPT", *IEEE Transactions on Software Engineering*
- J.15 **Yutian Tang**<sup>\*</sup>, Zhijie Liu<sup>(stu.)</sup>, Zhichao Zhou<sup>(stu.)</sup>, Xiapu Luo, "ChatGPT vs SBST: A Comparative Assessment of Unit Test Suite Generation", *IEEE Transactions on Software Engineering*, 2024
- J.14 Yang Wang, Peng Zhang, Zeyu Lu, Yibiao Yang, **Yutian Tang**, and Yuming Zhou, "Uncovering bugs in code coverage profilers via control flow constraint solving", *IEEE Transactions on Software Engineering*, 2023
- J.13 Yuanqing Mei, Yi Rong, Shiran Liu, Zhaoqiang Guo, Yibiao Yang, Hongmin Lu, **Yutian Tang**, and Yuming Zhou, "Deriving thresholds of object-oriented metrics to predict defect-proness of classes: A large-scale meta-analysis", *International Journal of Software Engineering and Knowledge Engineering*, 33, no. 05 (2023): 651-695
- J.12 Hongchen Chao<sup>(stu)</sup>, Shuai Li, Yuming Zhou, Ming Fan, Xuejiao Zhao, **Yutian Tang**<sup>\*</sup>, "Cheating Your Apps: Black-box Adversarial Attacks on Deep Learning Apps", *Journal of Software: Evolution and Process*, 2023

- J.11 Le Yu, Haoyu Wang, Xiapu Luo, Tao Zhang, Kang Liu, Jiachi Chen, Hao Zhou, **Yutian Tang**, Xusheng Xiao, "Towards Automatically Localizing Function Errors in Mobile Apps with User Reviews", *IEEE Transactions on Software Engineering*, 49, no. 4 (2022): 1464-1486
- J.10 Jian Huang, Shanhui Liu, **Yutian Tang\***, Xiushan Zhang, "Object-Level Remote Sensing Image Augmentation Using U-Net-Based Generative Adversarial Networks", *Wireless Communication and Mobile Computing*, 2021 (2021): 1-12
- J.9 **Yutian Tang**, Hao Zhou, Xiapu Luo, Ting Chen, Haoyu Wang, Zhou Xu, and Yan Cai, "XDebloa: Towards Automated Feature-Oriented App Debloating", *IEEE Transactions on Software Engineering*, 48, no. 11 (2021): 4501-4520 **Top-1 Recommended Paper from Bing AI for app debloating topic**
- J.8 Zhen Yang, Jacky Keung, Md Alamgir Kabir, Xiao Yu, **Yutian Tang**, Miao Zhang, Shuo Feng, "AComNN: Attention Enhanced Compound Neural Network For Financial Time-Series Forecasting With Cross-Regional Features", *Applied Soft Computing*, 111 (2021): 107649.
- J.7 Kunsong Zhao, Zhou Xu, Tao Zhang, **Yutian Tang**, Meng Yan, "Simplified Deep Forest Model based Just-In-Time Defect Prediction for Android Mobile Apps", *IEEE Transactions on Reliability*, 70, no. 2 (2021): 848-859
- J.6 **Yutian Tang\***, Haoyu Wang, Xian Zhan, Xiapu Luo\*, Yajin Zhou, Hao Zhou, Qiben Yan, Yulei Sui, Jacky Keung, "A Systematical Study on Application Performance Management Libraries for Apps", *IEEE Transactions on Software Engineering*, 2021, 48(8), pp. 3044 - 3065
- J.5 Zhou Xu, Tao Zhang, Jacky Keung, Meng Yan, Xiapu Luo, Xiaohong Zhang, Ling Xu, **Yutian Tang**, "Feature Selection and Embedding Based Cross Project Framework for Identifying Crashing Fault Residence" *Information and Software Technology (IST)*, 131 (2021): 106452
- J.4 Zhou Xu, Shuai Li, Jun Xu, Jin Liu, Xiapu Luo, Yifeng Zhang, Tao Zhang, Jacky Keung, **Yutian Tang**, "LDFR: Learning deep feature representation for software defect prediction", *Journal of Systems and Software (JSS)*, 158 (2019), 110402
- J.3 Zhou Xu, Shuai Pang, Tao Zhang, Xiapu Luo, **Yutian Tang**, Xiao Yu, Lei Xue, "Cross Project Defect Prediction via Balanced Distribution Adaptation based Transfer Learning", *Journal of Computer Science and Technology (JCST)*, 34 (2019): pp. 1039-1062
- J.2 Zhou Xu, Shuai Li, Xiapu Luo, Jin Liu, Tao Zhang, **Yutian Tang**, Jun Xu, Peipei Yuan, Jacky Keung, "TSTSS: A Two-Stage Training Subset Selection Framework for Cross Version Defect Prediction", *Journal of System and Software (JSS)*, 154 (2019): pp. 59-78
- J.1 Zhou Xu, Jin Liu, Xiapu Luo, Zijiang Yang, Yifeng Zhang, Peipei Yuan, **Yutian Tang**, Tao Zhang, "Software Defect Prediction Based on Kernel PCA and Weighted Extreme Learning Machine", *Information and Software Technology (IST)*, 106 (2019), pp. 182-200.

## Software Copyright

- C.1 **Yutian Tang**, Zhijie Liu, "Big Data-Based Mobile Application Malicious Component Detection System V1.0", Software Copyright, 2023, Authorized by: National Copyright Administration of P.R.China.

## Patents

- P.1 **Yutian Tang**, Zhijie Liu, Liangfeng Zhang, "Advanced Methods for Detecting Malicious Elements in Mobile Apps Using Big Data Analytics", Chinese Patent.

## Impact and Engagement

International Stands Working Group/Committee

Member **IEEE Standard P1633 Working Group: (Recommended Practice for Software Reliability)**

Grant and Award Review Service

- UK **EPSRC Reviewer**: Standard Research Grant, New Investigator Award (2024);  
**EPSRC Peer Review College Member** (2023–present)
- China **NSFC Panelist**: 2023–present; General Program Panel (2025);  
Shanghai Science and Technology Award Panelist (2022);  
Shanghai SME Innovation Fund Reviewer (2021)
- Fellowship Green Future Fellowships Assessor (2024–2025, UK)  
SyMeCo Marie Skłodowska-Curie Postdoctoral Fellowship Programme with Lero Software Center (2025)  
IEEE Senior Member Virtual Review Panel (2025)
- Editorship**
- Review Editor **Frontiers in Computer Science** (ESCI Indexed), 2021-now
- Review Editor **Scientific Programming**, 2022-now
- Long-term School and University Admin Roles**
- Co-Impact Education and Practice (EAP) Section, School of Computing Science, University of Glasgow,  
Champion 10/2024 - now
- Career Liaison School of Computing Science, University of Glasgow, 10/2025 - now  
Officer
- Professional Memberships and Committees**
- IEEE Technical Committee on Software Engineering (TCSE)**  
**The Alan Turing Institute** – Trustworthy Digital Identity; Interpretation, Verification and Modelling Interest Groups  
China Computer Federation (CCF) – Technical Committees on Software Engineering and System Software  
Shanghai Computer Society – Technical Committee on Software Engineering
- Organizing Committee Member**
- 2026 **EASE 2026**, Doctoral Consortium Co-Chair
- 2026 **APSEC 2026**, Early Research Achievements (ERA) Track Co-Chair
- 2024 **Internetware 2024**, Publicity Co-Chair
- Conference Technical Program Committee**
- Top-tier **ICSE (Research Track)**: 2025, 2026, 2027;  
**FSE (Research Track)**: 2023, 2024, 2026, 2027;  
**ASE (Research Track)**: 2023, 2025, 2026;  
**WWW (Systems Track)**: 2024, 2025, 2026;

Other Conferences and Tracks FSE (SRC): 2023;  
SANER: 2023  
SANER (incl. ERA, Tool Demo): 2023, 2024;  
MSR: 2023, 2025, 2026;  
ICPC: 2022, 2023, 2024, 2026  
CAiSE: 2023, 2024;  
MSR (Industry): 2023;  
EASE: 2023  
ASE (NIER): 2023, 2024, 2025, 2026;  
SEKE: 2022, 2023, 2024, 2025;  
APSEC: 2023, 2024, 2025, 2026;  
VaMoS: 2023, 2024;  
MOBILESoft (incl. Industry): 2022, 2023;  
COMPSAC: 2026;  
MSES: 2022;  
FTC: 2022;  
ChinaSoft: 2021

### Journal Reviewer

Reviewer Reviewer for leading journals including IEEE Transactions on Software Engineering (TSE), ACM Transactions on Software Engineering and Methodology (TOSEM), IEEE Transactions on Information Forensics and Security (TIFS), Empirical Software Engineering (EMSE), and Journal of Systems and Software (JSS)

## Conference Session Chairs

Session Chair **ISSTA, 2025**  
**ICSE, 2025**  
**FSE, 2024**

## Awards & Recognition

Major Awards **ACM SIGSOFT Distinguished Paper Award (ICSE)**, 2026  
**Fellow, Recognizing Excellence in Teaching**, University of Glasgow, 2025  
**Shanghai Pujiang Talent Program**, 2021  
**Best Industry Paper Award (ISSRE)**, 2018

Selected Honors RSE Rising Star Nomination (RSE-UK), 2025  
Best Reviewer Award, APSEC, 2023

## Media Coverage

**IEEE Spectrum**, 2024  
**China Central Television (CCTV), Voice of China**, 2021–2022 (multiple features)

## Professional Qualifications & Membership

2023–Present **RISCS Affiliate Fellowship**, The Research Institute for Sociotechnical Cyber Security (RISCS), (funded by the National Cyber Security Centre (NCSC))

2023–Present **Senior Member**, IEEE

2022–Present **Member**, ACM

2022–Present **Member**, European Alliance for Innovation (EAI)

2020–Present **Member**, China Computer Federation (CCF)

2020–Present **Member**, EuroSys

2017–Present **Member**, ISACA

2012–Present **Senior Software Engineer**, under “China Qualification Certificate of Computer Science Technology Proficiency”

## Teaching

### Instructor

Summary Lead instructor for large-scale undergraduate and MSc courses at the University of Glasgow (up to 400+ students), with repeated teaching across multiple academic years.

University of Glasgow **Secured Software Engineering (COMPSCI5093/5104)**  
Spring 2024 (130+), 2025 (200+), 2026 (250+), 2027  
**Professional Software Development (COMPSCI4015)**  
Fall 2023 – Spring 2027 (400+ students)  
**MSc Team Project (COMPSCI5074)**  
Spring 2026 (170+ students)  
**Web Application Development 2 (COMPSCI2021)** – Spring 2027  
**Programming and Systems Development (COMPSCI4084)** – Fall 2026

ShanghaiTech Uni. CS132 Software Engineering; CS224 Program Analysis

Earlier Teaching (Teaching Assistant) The Hong Kong Polytechnic University – courses in Software Engineering, Software Testing, Project Management, and Systems Programming

## Supervision

Summary I have supervised 9 research-oriented students, 14 graduate apprenticeship students, and 11 project/thesis-oriented students.

### Ph.D. Students and MPhil Students (By Research)

2024-2028 Yuxi Chen (University of Glasgow)-Main Supervisor  
2026-2029 Paul Smith (University of Glasgow)-Main Supervisor  
2024-2028 Susmita Das (University of Glasgow)-Second Supervisor  
2024-2026 Bernie Chen (University of Glasgow)-Second Supervisor (with UofG Singapore)  
2023 Jinan Jiang (with H.K Polytechnic University, Co-supervised with Prof. Xiapu Luo) TSE24  
2022-2025 Zhijie Liu (with ShanghaiTech Uni.)  
Publication: ASE23,ISSTA25,TOSEM25,TSE24  
2022-2025 Haitao Hu (with ShanghaiTech Uni.)  
2021-2024 Zhichao Zhou (with ShanghaiTech Uni.)  
Publication: ASE22,OOPSLA25,TSE24a,TSE24b

### Visiting PhD Students

2025.04-06 David Romero Organvdez, Ph.D student from University of Seville (Universidad de Sevilla), Spain  
Publication: [C24]

### Research Intern (2 Students)

2020-2022 Hongchen Cao, Undergraduate from ShanghaiTech Uni.  
Publication: [J12][C22]  
2022-2023 Xingchen Jin, Undergraduate from ShanghaiTech Uni.  
Visiting Student at University of California, Berkeley (UCB)

## Other Supervisions

Graduate Apprenticeships: 21 students (University of Glasgow, 2023–now)

Undergraduate and MSc Projects: 13 students (University of Glasgow)

## University & Department Services

Leadership	Career Liaison Officer, University of Glasgow (2025–present)
Roles	Co-Impact Champion (Education and Practice Section), University of Glasgow (2024–present)
Service	University of Glasgow: Application review and recruitment activities (2023–present)
Contributions	ShanghaiTech University: Admissions, recruitment, and interview panels (2020–2022)

## Invited Talks and Presentations

Invited Talks	UCL CREST Workshop, 2025 The 12th International Conference on Advanced Infocomm Technology - Keynote Speaker;
Academic Seminars	Lund University Nanjing University King's College London ShanghaiTech University Tongji University Fudan University Queen's University Belfast University of East London University of Dundee University of Central Lancashire University of Canterbury
Conference Talks	ICSE / FSE / ASE / SANER / ICPC / OOPSLA / ISSTA (various years)

## References

Available upon requests