

YANG YUE

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Department of Informatics, University of California, Irvine

EDUCATION

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| Ph.D. | University of California, Irvine Software Engineering Advisor: Prof. David Redmiles Committee: Prof. James A. Jones, Prof. Yi Wang | June 2024 (expected) |
| M.Eng. | Peking University Software Engineering Advisor: Prof. Ying Li | June 2018 |
| B.Eng. | East China Normal University Software Engineering Business Administration (minor) | June 2015 |

PUBLICATIONS

- [1] **Y. Yue**, Y. Wang, and D. Redmiles, "Off to a Good Start: Dynamic Contribution Patterns and Technical Success in An OSS Newcomer's Early Career," in *IEEE Transactions on Software Engineering*, vol. 49, no. 2, pp. 529-548, 1 Feb. 2023, doi: 10.1109/TSE.2022.3156071.
- [2] **Y. Yue**, X. Yu, X. You, Y. Wang and D. Redmiles, "Ideology in Open Source Development," 2021 IEEE/ACM 13th International Conference on Cooperative and Human Aspects of Software Engineering (CHASE), 2021, pp. 71-80, doi: 10.1109/CHASE52884.2021.00016.
- [3] **Y. Yue**, I. Ahmed, Y. Wang and D. Redmiles, "Collaboration in Global Software Development: An Investigation on Research Trends and Evolution," *2019 ACM/IEEE 14th International Conference on Global Software Engineering (ICGSE)*, Montreal, QC, Canada, 2019, pp. 78-79, doi: 10.1109/ICGSE.2019.00028.
- [4] **Y. Yue**, Y. Li, K. Yi and Z. Wu, "Synthetic Data Approach for Classification and Regression," 2018 IEEE 29th International Conference on Application-specific Systems, Architectures and Processors (ASAP), Milan, 2018, pp. 1-8, doi: 10.1109/ASAP.2018.8445094.

- [5] **Y. Yue**, Y. Li, T. Jia, Z. Wu, "An Iterative Model for Predicting Film Attendance," In: Liu D., Xie S., Li Y., Zhao D., El-Alfy ES. (eds) Neural Information Processing. ICONIP 2017. Lecture Notes in Computer Science, vol 10634. Springer, Cham. https://doi.org/10.1007/978-3-319-70087-8_89.
- [6] **Y. Yue**, Y. Li, H. Tang, Z. Wu, "A Pre-release Box Office Prediction Approach," 7th IEEE International Conference on Logistics, Informatics and Service Sciences (LISS' 2017), Beijing, China, 2017.
- [7] Y. Yang, Y. Li, **Y. Yue**, Z. Wu, W. Shao, "CUT: A Combined Approach for Tag Recommendation in Software Information Sites," In: Lehner F., Fteimi N. (eds) Knowledge Science, Engineering and Management. KSEM 2016. Lecture Notes in Computer Science, vol 9983. Springer, Cham. https://doi.org/10.1007/978-3-319-47650-6_47.

Working Papers:

- [1] **Y. Yue**, Y. Wang, and D. Redmiles, "Towards an Empirical Theory of Ideologies in the Open Source Software Movement," Revised and under review. ICSE-SEIS.

Work in Progress:

- [1] **Y. Yue**, Y. Wang, and D. Redmiles, "Assessing Ideologies in Open Source Projects: A Case Study," manuscript in preparation.

Patents:

- [1] Ying Li, **Yang Yue**, Kexin Yi, Zhonghai Wu. Method and apparatus for big data synthesis for preventing privacy disclosure (201711156094.1)
- [2] Ying Li, Sixing Wu, **Yang Yue**, Zhonghai Wu. Method and Apparatus for real-time communication fraud detection based on the identification of suspicious behavior (201710291247.7)
- [3] Ying Li, **Yang Yue**, Tong Jia, Zhonghai Wu. Method and Apparatus for prediction of movie attendance rate (201610450944.8)
- [4] Ying Li, Tong Jia, **Yang Yue**, Zhonghai Wu. Method and apparatus for auto-recovery from software misconfiguration based on Q&A knowledge (201610202074.2)

TEACHING EXPERIENCE

University of California, Irvine

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|-------------------|---|-------------|
| Instructor | <i>ICS 33 Intermediate Programming</i> | Summer 2023 |
| | <ul style="list-style-type: none"> • Taught lectures to ICS students including CS, SE, INF, STAT majors. • Developed in-class quiz, lab exercise, and project assignments for students to | |

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| | <p>learn and practice the programming concepts.</p> <ul style="list-style-type: none"> • Developed midterm and final exams to evaluate the student learning. | |
| Graduate Scholar | <p><i>DTEI Summer Graduate Scholars Program</i></p> <ul style="list-style-type: none"> • Completed training on Teaching Excellence and Innovation. • Worked with faculty to improve capstone course. • Developed an archive system for the capstone course. | Summer 2023 |
| Teaching Assistant | <p><i>INF 191A/B Senior Project Design (Upper Division Course)</i></p> <ul style="list-style-type: none"> • Graded sprint reports and other assignments, and provided feedback. • Taught tutorial lectures on using Git/Trello, developing user stories, etc. • Supervised team progress with regular check-in meetings. • Assisted instructors to keep track of assignments and meeting schedules. | <p>Winter, Spring, Fall 2023 Winter 2022 Fall 2021</p> |
| Teaching Assistant | <p><i>SWE 263P User Experience & Interaction (Master Program Course)</i></p> <ul style="list-style-type: none"> • Graded assignments and provided feedback on team design work. • Held office hour for students. | Spring 2022 |
| Teaching Assistant | <p><i>INF 113 Requirement Analysis and Engineering (Upper Division Course)</i></p> <ul style="list-style-type: none"> • Graded requirement documents and provided feedback to students. • Led discussion for requirement elicitation sessions. • Held office hour for students. | <p>Winter 2021 Winter, Spring 2019</p> |
| Teaching Assistant | <p><i>INF 133 User Interface in Software Engineering (Upper Division Courses)</i></p> <ul style="list-style-type: none"> • Graded student project assignments. | Fall 2020 |

- Taught tutorial lectures for lab sessions.
- Held office hour for students.

Grader *INF 43 Intro to Software Engineering* Fall 2018

- Graded assignments and provided feedback.
- Held office hour for students.

Peking University

Teaching Assistant *Cloud Computing and Big Data Platform (Graduate-level Course)* Fall 2017

- Graded student assignments and provided feedback.
- Led class discussion on paper reading.
- Evaluated student in-class presentation.

SERVICE/VOLUNTEER

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| Graduate Interconnect Peer Mentor | University of California, Irvine | 2019-2023 |
| Student Volunteer | ASE 2020 | 2020 |
| Session Chair | LISS 2017 | 2017 |
| Student Volunteer | Technology & Education: Connecting Cultures | 2015-2016 |

AWARDS & HONORS

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| Doctoral Symposium at FSE 2023 | December 2023 |
| Division of Teaching Excellent and Innovation Graduate Scholar | July 2023 |
| Dissertation Fellowship | June 2023 |
| Center for Organization Research Grant | July 2021 |
| Academic Scholarship | October 2017 |
| 21 st Century Talent College Program | 2013-2014 |
| Top-notch Innovative Student Training Program | 2013-2015 |

WORKING EXPERIENCE

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|---------------------------------|--|------|
| Software Engineer Intern | <i>Uber</i> <ul style="list-style-type: none">• Analyzed the customer behaviors.• Extract new features for prediction model.• Evaluated the performance of new features. | 2022 |
| Software Engineer Intern | <i>Pfizer</i> <ul style="list-style-type: none">• Analyzed the data from local pharmacies.• Developed insights into customers' behaviors. | 2016 |
| Support Engineer Intern | <i>Microsoft</i> <ul style="list-style-type: none">• Provided technical support for Microsoft business customers. | 2014 |