

YANG YUE

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Department of Informatics, University of California, Irvine

EDUCATION

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

Instructor

ICS 33 Intermediate Programming

Summer 2023

- Taught lectures to ICS students including CS, SE, INF, STAT majors; was solely responsible for course content.

	<ul style="list-style-type: none"> • Developed in-class quiz, lab exercise, and project assignments for students to learn and practice the programming concepts. • Developed midterm and final exams to evaluate the student performance. 	
Graduate Scholar	<i>DTEI Summer Graduate Scholars Program</i> <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	<i>INF 191A/B Senior Project Design (Upper Division Course)</i> <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. 	Winter, Spring, Fall 2023 Winter 2022 Spring 2021
Teaching Assistant	<i>SWE 263P User Experience & Interaction (Master Program Course)</i> <ul style="list-style-type: none"> • Graded assignments and provided feedback on team design work. • Held office hour for students. 	Spring 2022
Teaching Assistant	<i>INF 113 Requirement Analysis and Engineering (Upper Division Course)</i> <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. 	Winter 2021 Winter, Spring 2019
Teaching Assistant	<i>INF 133 User Interface in Software Engineering</i>	Fall 2020

(Upper Division Courses)

- Graded student project assignments.
- 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

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

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

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