

# Chenyang Yang

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<b>EDUCATION</b>	<b>Carnegie Mellon University</b> , Pittsburgh, Pennsylvania, USA	
	Ph.D. in Software Engineering	Aug 2021 – Present
	▪ Adviser: Prof. Christian Kästner	
	▪ Focus: program analysis, software testing, SE4AI.	
	<b>Peking University</b> , Beijing, China	
	B.S. (Summa Cum Laude) in Computer Science, Turing Class	Sep 2017 – Jul 2021
	▪ Cumulative GPA: 3.83 / 4.00, Ranking: 5 / 230	
<b>RESEARCH EXPERIENCE</b>	<b>Institute for Software Research</b> , Carnegie Mellon University	
	Research Intern, advised by Prof. Christian Kästner	Jun 2020 – Apr 2021
	▪ Project: Generating Input-Specific Documentation for Data Wrangling Code	
	▪ Focus: static/dynamic program analysis, test case selection, bug finding.	
	<b>Institute of Software</b> , Peking University	
	Research Intern, advised by Prof. Yingfei Xiong	Aug 2019 – Jul 2021
	▪ Project: Accelerating Program Analyses in Datalog by Merging Library Facts	
	▪ Focus: declarative program analysis, pointer analysis.	
<b>PUBLICATIONS</b>	[1] <b>Chenyang Yang</b> , Shurui Zhou, Jin L.C. Guo, and Christian Kästner. Subtle Bugs Everywhere: Generating Documentation for Data Wrangling Code. In <i>Proceedings of the 36th IEEE/ACM International Conference on Automated Software Engineering (ASE)</i> , Los Alamitos, CA: IEEE Computer Society, November 2021.	
	[2] Yifan Chen, <b>Chenyang Yang</b> , Xin Zhang, Yingfei Xiong, Hao Tang, Xiaoyin Wang, Lu Zhang. Accelerating Program Analyses in Datalog by Merging Library Facts. <i>SAS'21: International Static Analysis Symposium</i> , October 2021.	
<b>PROFESSIONAL SERVICE</b>	▪ <b>Sub-Reviewer</b> for ICSE (2021, 2022), FSE 2021, and ASE (2020, 2021).	
	▪ <b>Student Volunteer</b> for ASE 2020.	
<b>TEACHING EXPERIENCE</b>	<b>Introduction to Computer Systems (Seminar)</b> , Peking University	Sep 2020 – Jan 2021
	▪ Designed and led weekly lecture review and discussion sections for a group of 14 students	
<b>AWARDS &amp; HONORS</b>	▪ Award for Research Excellence, Peking University	Oct 2020
	▪ Turing Scholarship, Peking University	Dec 2019
	▪ Award for Academic Excellence, Peking University	Nov 2018
	▪ May 4th Scholarship, Peking University	Nov 2018
<b>SKILLS</b>	LaTeX, Python, C/C++, Java, JavaScript/TypeScript, Datalog.	