

# Xinyue LIU (刘心悦)

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## EDUCATION BACKGROUND

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<b>Ph.D.</b>	<b>University at Buffalo, SUNY</b> , Buffalo, NY Interested in software engineering on web applications; advised by <a href="#">Lukasz Ziarek</a> Department of Computer Science and Engineering	2021 – Current
<b>B.S.</b>	<b>Nanjing University</b> , Nanjing, China Department of Computer Science and Technology GPA: 4.26/5.0	2016 – 2020

## PROFESSIONAL SKILLS

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Computer languages: C++, Python, JavaScript, R, Lua, HTML, C#, WebAssembly, Shell, Perl, Go

## HONORS AND AWARDS

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Freshman Scholarship, Nanjing University	2016
People's Scholarship (Level-3), Nanjing University	2016 – 2020

## PUBLICATIONS

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**X. Liu**, Yanhui Li, "Is Bigger Data Better for Defect Prediction: Examining the Impact of Data Size on Supervised and Unsupervised Defect Prediction," 12 pages, Sep. 2019, WISA 2019

A. Romano, **X. Liu**, Y. Kwon, W. Wang, "An Empirical Study of Bugs in WebAssembly Compilers," 36th IEEE/ACM International Conference on Automated Software Engineering (ASE 2021). (Acceptance: 19.2%, 82/427)

Y. Yan, Y. Zheng, **X. Liu**, N. Medvidovic, W. Wang, "AdHere: Automated Detection and Repair of Intrusive Ads," 45th IEEE/ACM International Conference on Software Engineering (ICSE 2021). (Acceptance: 26%, 209/796)

**X. Liu**, L. Ziarek, "PTdetector: An Automated JavaScript Front-end Library Detector," 38th IEEE/ACM International Conference on Automated Software Engineering (ASE2023). (Acceptance: 21%, 103/629)

## INTERNSHIP

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<b>Game Developer</b> , TiMi J5 Studio, <b>Tencent</b> , China	June – Sep. 2019
<ul style="list-style-type: none"><li>Participated in developing a major online game and was responsible for building the game's combat logic.</li><li>Produced an efficient development tool to speed up the product iteration process.</li></ul>	

## EXTRACURRICULAR ACTIVITY

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Phantom Magic Club, Nanjing University, <b>Minister</b>	Sep. 2017 – June 2018
Volleyball Team, Nanjing University, <b>Captain</b>	Sep. 2017 – June 2018
Student Union, Nanjing University, <b>Member</b>	Oct. 2016 – June 2017

## TEACHING EXPERIENCE

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University at Buffalo, SUNY, Buffalo, NY	Sep. 2021 – June 2023
<b>Teaching Assistant</b> of Graduate-level Algorithm Analysis Course, Prof. Xin (Roger) He	