

Rui Bai (Gina)

rbai2@ncsu.edu, gbairui@gmail.com, <https://ginabai.github.io>
(336) 775-8921

US Permanent Address:
712 Renshaw Ct.
Cary, NC 27518

EDUCATION

North Carolina State University, Raleigh, North Carolina
Ph.D. in progress, Computer Science.
Honors: 2016-2017 Graduate Research Award

August 2016 – Present

Wake Forest University, Winston-Salem, North Carolina
B.S., Computer Science; Minor: Mathematics.

August 2012 – May 2016

Honors: Magna Cum Laude, Summer Research Fellowship, Upsilon Pi Epsilon Membership

SKILLS

- Computer Skills: C++, Java, JavaScript, R, MS Office, Latex
- Language Skills: English, Mandarin Chinese

RESEARCH EXPERIENCE

North Carolina State University Graduate Research Assistantship, Raleigh, North Carolina

Graduate Research Assistant, Advisor: Dr. Kathryn Stolee

August 2016 – Present

- Research Interests
 - Testing, Code Search, CS Education, Empirical Software Engineering
- Publications
 - Exploring Tools and Strategies Used During Regular Expression Composition Tasks (ICPC 2019)
 - Exploring Regular Expression Evolution (SANER 2019)
 - Investigating the Effects of Gender Bias on GitHub (ICSE 2019)

Wake Forest University Summer Research Fellowship, Winston-Salem, NC

Research Fellow

May 2014 – August 2014

- Visualized the LiDAR data as 3D images in four different approaches using MatLab.
- Designed a poster and presented orally to other research fellows and WFU parents.

TEACHING/TUTORING EXPERIENCE

North Carolina State University Graduate Teaching Assistantship, Raleigh, North Carolina

Graduate Teaching Assistant

August 2017 – Dec 2017

- Supervised weekly labs, held two office hours per week, graded assignments and exams, answered Piazza posts

Wake Forest University, Winston-Salem, NC

Undergraduate Teaching Assistant & Student Tutor

September 2013 – May 2016

- Held two office hours per week, graded assignments
- Conducted one-on-one and group tutoring sessions on Computer Science, Math, Economics, Mandarin Chinese

ADDITIONAL EXPERIENCE

Mei & Mark LLP, Washington, DC

Web Support Specialist (Volunteer)

December 2016 – Present

- Maintain and update both English and Chinese firm websites.
- Created Chinese version of firm website.

Office of The Federation of Returned Overseas Chinese, Pingyang, Zhejiang, China

Technical Support Specialist Internship

June 2015 – August 2015

- Provided thorough technical support and problem solutions for the office
- Maintained and managed the website of the office
- Offered English-Mandarin Chinese translation service