

# Rui Gina Bai

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## EDUCATION

**North Carolina State University**, Raleigh, North Carolina  
Ph.D. in progress, Computer Science. GPA: 3.63/4.00  
Honors: 2016-2017 Graduate Research Award

August 2016 – Present

**Wake Forest University**, Winston-Salem, North Carolina  
B.S., Computer Science; Minor: Mathematics. GPA: 3.61/4.00  
Honors: Magna Cum Laude, Summer Research Fellowship, Upsilon Pi Epsilon Membership

August 2012 – May 2016

## 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 under the supervision of Dr. Kathryn Stolee August 2016 – Present

- Testing Project (In progress)
- Code Search Project
  - An Exploratory Study of Search Behavior Among Non-professionals During VBA Tasks (Submission Ready)
- Published work
  - 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 3-D 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 2 office hours per week, graded assignments and exams, answered Piazza posts

**Wake Forest University**, Winston-Salem, NC

Teaching Assistant & Student Tutor

September 2013 – May 2016

- Held 2 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