# Xueqing(Shirley) Jiang

Software Engineer at Microsoft

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## Summary

As a girl who loves engineering and making things happen, I chose an Intro to Computer Science course my first semester into college. I instantly fell in love with the unique computational way of thinking and coding programs that can solve real-life problems. Thus I have begun the amazing journey of studying computer science. With my internship at Microsoft and activities at Rice, I'm only becoming more and more passionate and, fortunately, better at programming and actually making things happen.

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## Experience

**Software Engineer at Microsoft**
June 2017 - Present

**Teaching Assistant at Rice University**
January 2014 - May 2017 (3 years 5 months)
- Evaluated and provided feedback on coursework for Elements of Computer Science (COMP200) and Fundamentals of Computer Engineering (ELEC220) and Introduction to Linguistics (LING200)
- Held office hours and led small group discussions to supplement classroom instruction
- Guided students experimenting projects about fundamental topics in computer engineering, including digital logic and simulation, assembly language and computer architecture, and high level languages.

**Software Engineer Intern at Microsoft**
May 2016 - August 2016 (4 months)
# Designed and implemented DocumentDB Subscription Locator Cloud Storage System for Reactor for better manageability and more queryability on subscriptions

# Designed and implemented Migration Tool to migrate existing Subscription Locators from Azure Blob and Azure Table to DocumentDB with C# and .NET Framework

**Research Assistant at Computer-Human Interaction Laboratory at Rice University**
September 2015 - August 2016 (1 year)
# Designed and implemented Usability of Voting Systems

# Implemented programs that imitate different human behaviors of voting process and determine if a certain voting system is reliable for the general public with ACTR and LISP

**Explore Intern at Microsoft**
May 2015 - August 2015 (4 months)

- Data visualization tool for Skype calls
- Designed UX and wrote specifications to display telemetry reporting (Program Manager)
- Developed a cloud service that auto-updates and displays attributes of last 5 minutes of Skype call   data on
 a world map with C#, .NET Framework, HTML, CSS and Javascript (Developer)
- Tested the project with unit tests and on Azure Cloud Service (Testing Developer)

**Student Office Assistant at Accelerate Learning, Inc.**

January 2014  -  January 2015 (1 year 1 month)

- Helped build STEMscopes 2.0 website with HTML and a little CSS
- Helped build North Carolina version of STEMscopes with refined contents

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## Education

**Rice University**

Bachelor's Degree, Computer Science; Linguistics, 2013 - 2017

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# Xueqing(Shirley) Jiang

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![Linked in]

Contact Xueqing(Shirley) on LinkedIn