



**Ruiqi Zhu**  
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## PROFILE

My name is Ruiqi Zhu and I'm a sophomore student at Cornell University. I'm a Computer Science major.

## ACTIVITIES & WORK EXPERIENCE

### Basketball Official, Cornell Intramural Sports - Fall 2018, Spring 2019

I joined Cornell Intramural as a basketball official and I officiated in fall 2018 charity games and the entire spring 2019 intramural basketball season. I was selected by the director of Cornell Intramural to ref in the final game.

### Leading Actor, Cornell Chinese Drama Society - Fall 2019

I joined the drama society as a prop team member in Spring 2019. I built a wood door for the stage setting and I guested two roles in the major play ("To Live"). I am one of the leading actors in the major play of this semester ("The Insanity"), which will be on at Risley in December.

### iOS App Development - Summer 2019

I worked on two iOS apps during the summer. I built a camera calculator app that takes photos of handwritten mathematic formulas and generates answers for them based on text detection and machine learning algorithms. I also recreated the WeChat app with Google sign-in and Firebase: users can sign up with their Google accounts, add friends from the database and send texts messages to each other.

## EDUCATION

- Cornell University (2018 - now) GPA: 3.63
  - CS 1110 Intro Computing with Python (A)
  - CS 2110 OO Programming & Data Structures (A)
  - CS 2800 Discrete Structures (A)
  - Cornell AppDev: Intro iOS Developing, Intro Backend Developing (S)
  - Cornell Data Science: Intro Machine Learning (S)
  - (currently taking: CS 3110 Data Structures & Functional Programming, CS 4740 Natural Language Processing, CS 4780 Machine Learning for Intelligent Systems, CS 4810 Intro Theory of Computing)
- Beijing No.80 High School (2016 - 2018)

## SKILLS

- Language: fluent in English; native Chinese speaker
- Computing: adequate programming skills in Python (scikit-learn & SQLAlchemy) & Java; abundant project experiences in iOS developing with Swift (Google Firebase)

## PROJECT LINKS

"Camera Calculator": <https://github.com/RichieZhu26/Camera-Calculator>

"Recreating WeChat": <https://github.com/RichieZhu26/Recreating-WeChat>