

# Yunxin Zhang

Undergraduate Researcher & Software Engineer

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#Hope to make the world a little better with my continuous devotion to mathematics and coding.

#Believe that *fortunately*, life is never easy.

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## EDUCATION University of Illinois at Urbana Champaign

**B.S. in Mathematics & Computer Science:** 2015 – 2019 (expected)

Coursework: Discrete Math, Calculus I - III, Data Structures, Computer Architecture

**Minor in Business:** 2016 – 2018 (expected)

Coursework: Microeconomics, Statistics with R Programming

James Scholar Honor Program

Current Cumulative GPA: 4.0/4.0

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## WORK **Software Engineer Intern:** Shanghai, China, Apr - Jun, 2015

I committed code for an Android app in personal banking system and programmed unit tests to ensure the stability of the project. I also translated help documents.

**CS Course Assistant:** University of Illinois, Jan - May, 2016

As an assistant of Introduction to Programming (CS 125), I organized lab sections for students, offered them help in my office hours and answered questions online.

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## EXPERIENCE **Project Euler:** Fall 2015 - Now

Project Euler is a series of challenging math problems that also requires coding, which really appeals me. So far, I have successfully solved about 70+ problems and posted my thoughts and source codes in Github. I enjoy these math challenges for the happiness of accomplishment and new knowledge I learned in math.

**What2Wear:** Fall 2015

What2Wear is a group project for Web and Android that helps people decide what to wear based on weather and personal preferences. I constructed the front-end of the webpage with Bootstrap, designed UI and coded for the Android app.

**Github:** Spring 2015 - Now

Code for fun and keep learning! I maintained a notebook in Markdown and LaTeX, created a web crawler with JSoup to get information about local restaurants, and built several games with JavaScript for entertainment.

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## SKILLS **Mathematics:**

Linear Algebra, Discrete Structures, Graph Theory, Multi-variable Calculus, LaTeX

**Programming:**

Proficiency: Java Web & Android Development

Experience: HTML & CSS, JavaScript, R, C++