

Kaixuan Zhou

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EDUCATION

New York University, Brooklyn, NY

Sep. 2017 - May 2020

BS in Computer Science, GPA 3.96

2017-2018 Dean's list

Relevant Coursework: *Data Structures(Python)*, *Object Oriented Programming(C++)*, *Statistics*

Currently Enrolled: *Design & Analysis of Algorithms*, *Database*, *Data Analysis*, *Linear Algebra*

WORK EXPERIENCE

Teaching Assistant, NYU Tandon, Brooklyn, NY

Sep. 2018 – Present

- Work as an undergraduate teaching assistant for discrete mathematics.
- Perform fundamental teaching assistant duties, including holding office hours, grading, clerical help and designing exam questions.

Web designer & Software Developer, DigiStrips, New York, NY

May. 2018 – July. 2018

- DigiStrips is a startup team which aims to make UTI (Urinary Tract Infection) diagnosis and prescription process easy, fast and accurate.
- Worked part-time in customer discovery team; participated in more than 30 customer discovery interviews.
- Took charge of redesigning the website (<https://digistrrips.com>) using GoDaddy's website builder.
- Built an IOS app prototype in *swift* which can tell if a color generated by the bio-sensor implies UTI infected or not; the app prototype was used for team's live demo show in 2018 NYU Langone Health Expo.

Co-founder, "Co-Charity" Book-Bar, ZhiXin High School, China

Dec. 2015 – Mar. 2017

- Co-Charity Bookbar is a charity Café which makes profits by selling coffees and afternoon desserts made by student volunteers. The profits made are all donated to charity organizations through Zhixin High School.
- Built and decorated the Bookbar from scratch with a team of three. Led a team of 5 marketing members and 20 long-term volunteers. Took charge of negotiating with the school managements.

ACTIVITIES

Active Member and IT Engineer, NYU CSSA, Brooklyn, NY

Sep. 2017 – Present

- Currently building a web application (<https://zhiclassses.com>) that provides academic information for NYU students; Project Similar to RateMyProfessor; Currently undergoing development.
- Attend weekly programming meetings and started out by learning and participating in front-end development using *HTML5*, *CSS* and *JavaScript*.
- Currently working in back-end team (*Node.js*) to better handle users' search queries and improve website performance.

PROJECTS

Web Development Personal Project

July. 2018 – Aug. 2018

- Built <https://50words.today> from scratch, a web app which allows Chinese users to learn GRE vocabularies and prepare for the GRE test.
- Initiated by the school's web development project (My Todo List) from course "Introduction to CS": <https://github.com/ZhouJoseph/CS1122-ToDoList>.
- Used Python *Flask*, *WTForms*, *PyMySQL* for backend, *Bootstrap* for the styling, *Nginx* and *Gunicorn* to deploy the web app on AWS Ubuntu 16.04 EC2 Instance.
- Helped my GRE study group to have access to free online study materials to memorize GRE vocabularies.

SKILLS

Programming and Development:

Python • C++ • JavaScript SQL • React.js • Node.js • Go • HTML5 • CSS • Git

Communication and Language:

Mandarin • Cantonese