Kaixuan Zhou

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**EDUCATION**

**New York University**, Brooklyn, NY 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 40 customer discovery interviews.
* Took charge of redesigning the website ([*https://digistrips.com*](https://digistrips.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.

**LEADERSHIP & ACTIVITIES**

**Active Member and IT Engineer, NYU CSSA**, Brooklyn, NY Sep. 2017 – Present

* Currently building a web application ([*https://zhiclasses.com*](https://zhiclasses.com)) that provides academic information for NYU students; Project Similar to RateMyProfessor; Currently undergoing development.
* Attend weekly programming meetings; Currently working in back-end team (*Node.Js*)to better handle users’ search queries and improve website performance.

**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.

**PROJECTS**

**Course Scheduler** | React.Js & Material UI, Express(Node.Js), MySQLNov. 2018 – Present

* Currently working on a web project that can generate the desired course schedule based on input preferences with interactive user interface with a team of two.

**50 Words Everyday** | JQuery, BootStrap, Flask, MySQLJuly. 2018 – Aug. 2018

* Built [*https://50words.today*](https://50words.today)from scratch, a web app which allows Chinese users to learn GRE vocabularies and prepare for the GRE test.
* Project was deployed on AWS EC2 instance with Nginx and Gunicorn.

**U.Start** | Go Feb. 2018 – May. 2018

* Learned Go’s syntax; participated in using Go and socket.io to build the prototype of the chat feacture of the web app in a team of 5 with the help of a mentor.

**Flappy Bird Clone** | C++, SFML April. 2018

* Learned SFML to build the GUI of the game ‘flappy bird’ in C++.

**SKILLS**

**Programming and Development:**

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

**Communication and Language:**

Mandarin • Cantonese