

# Kaixuan Zhou

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## Education

Sep 2017 | **BS in Computer Science**, New York University Tandon School of Engineering,  
May 2020 GPA: 3.97, Minors in *Game Engineering* and *Mathematics*,  
Brooklyn, NY.

## Work Experience

Jan 2019 – **Computer Science Tutor**, NYU Tandon, Brooklyn, NY.  
Present ○ Hold walk-in tutoring session for Intro to Programming, Data Structures and OOP.  
May 2018 – **Software Developer & Web Designer**, DigiStrips, New York, NY.  
Aug 2018 ○ Redesigned the company website with Go-Daddy Website Builder, HTML5 and CSS.  
○ Built the iOS app prototype in Swift from scratch; Worked with Core Data; Implemented MVC design pattern.  
Jan 2018 – **Full Stack Intern**, uStart.today, Brooklyn, NY.  
May 2018 ○ Built the chat feature of the web app in a team of five with a mentor used Golang and Socket.io.  
○ Tech stack included Golang, Elastic Search and JQuery.

## Skills

Language Python, C++, JavaScript, HTML, CSS, SQL, Swift  
Other Flask, MySQL, OpenGL, Node.Js, React.Js, Git, AWS

## Projects

Feb 2019 – **Trip Split**, JQuery, Node.Js, Bootstrap, Webpack.  
Present A web app that supports expense split among groups of friends through customized URL.  
Jan 2019 – **Anime Data Visualization**, Python, Matplotlib, Jupyter Notebook, MySQL.  
Present Crawling and Visualizing 5M video information from www.bilibili.com using Python.  
Feb 2018 – **Wise Classes**, Node.Js, React, Python, MySQL.  
Present A web app that provides students with user-generated course reviews.  
May 2018 – **50 Words Daily**, Python Flask, MySQL, AWS.  
July 2018 A web app that enables users to memorize GRE vocabulary everyday.

## Research Experience

Jan 2019 – **Research Assistant**, NYU Tandon, Brooklyn, NY.  
Present ○ Recreate and craft a model for intersection cache for web search engine using C++.  
○ Test and analyze new cache model's efficiency with modern datasets.  
○ Research about accurately finding out conjunctive query results through intersections.