Tianyi (Sam) Zhou

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EDUCATION

2017-2021	**Cornell University** **College of Engineering** Major: Computer Science GPA: 4.15

SKILLS

PROFICIENT	Java, Kotlin, Swift, TypeScript, JavaScript, Angular, HTML, CSS, Google App Engine
FAMILIAR	PHP, MySQL, Python, MATLAB, LATEX, Markdown
BASIC	C++, Go, Google Compute Engine, Amazon EC2

TECHNICAL COURSES

2017 FA	**CS 2112**	OO Design and Data Structs - Honors
2017 FA	**CS 2800**	Discrete Structures
2018 SP	**CS 3110**	Data Structs and FP
2018 SP	**CS 4820**	Intro to Analysis of Algorithms

WORK EXPERIENCE

JANUARY 2018 – PRESENT

CS 2800: Discrete Structures TA

Cornell University, Ithaca, NY

Responsible for holding office hours and grading assignments for over 400 students.

DECEMBER 2017 - JANUARY 2018

App Development

U-Learn Educational Group, Shanghai, China

As the sole developer, developed an information management system with a web inferface and an iOS client. The system can publish company related information and update and browse student information.

RESEARCH

2016	**ML Research** *Python, Keras* Used ML to predict future users interests on Quora. Paper Published: *Evolution and Assimilation of User Interest based on BP Neural Networks in a Cluster of Mutually Following Users* Journal: Information Technology & Informatization (2016 Issue 9)

PROJECTS

2017	**Chunk Reader** *Java, Javascript, CSS3, HTML5* A web app built during a Hackathon. Used NLP to extract crucial information and generate a summary from any given text. Prize: Best Use of Google Cloud Platform/Big Data Products.
2015-Now	**Personal Website** *Kotlin, Angular, Firebase* Personal website hosted on Firebase Hosting and Google App Engine. It contains my peronsal portfolio, a scheduler web app, a rewritten Chunk Reader app, and a board game. The frontend was developed with Angular 5 framework and Firebase, following Material Design.
2015-2016	**SAM** *PHP, Javascript, CSS, HTML* System of Assignment Management. A web app that serves as the semi-official homework assignment system for my high school students.

ACTIVITIES

2017-Now	**ACM-ICPC Participant** Participated in the Greater New York Regional Contest and scored the 18th among 52 teams.