

# Terence (Hantian) Zhang

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## EDUCATION

### Cornell University

Ithaca, NY

*B.A. in Computer Sciences; B.A. in Economics; GPA: 3.8/4.0; Dean's List*

Expected May 2022

- Relevant Courses: Machine Learning, System Organization and Programming, OO Programming, iOS/Backend Development, Database Management Systems, Algorithm Analysis, Probability Model

## PROFESSIONAL EXPERIENCE

### Clubby

Ithaca, NY

*Co-founder; Full Stack Developer*

May 2020 - Present

- Constructed 800+ lines of backend codes using Python Flask and the relational database with MySQL
- Implemented and tested frontend features with JavaScript React and compiled the API documentation
- Established the connections between web and database with updates to support new frontend features

### Cornell Cup Robotics

Ithaca, NY

*CS Team Member*

October 2020 - Present

- Improved the accuracy of AprilTag recognition system by regularizing movement unit using OpenCV
- Participated in the development of the Minibot GUI using Python Flask, Tornado and JavaScript React
- Attended 5-hour working session each week for collaborated coding on implementing new features

### Cornell CMSX

Ithaca, NY

*Backend Engineer*

September 2020 - Present

- Spent 6+ hours per week on implementing the Computer Science Courses Management System X
- Checked database constraints on entities by implementing Builder Classes and new methods for models
- Fixed read locking in EclipseLink to increase system scalability and enable concurrent data transactions

### Talkiin

Remote Work

*Backend Engineer Intern*

September 2020 - Present

- Involved in the backend developments of existing company website, mobile applications, and products
- Used Java and stored procedure to implement backend logics and structures of frontend and database
- Cooperated with frontend engineers to develop interfaces and establish connections with the database

### Cornell University, Computer Science Department

Ithaca, NY

*Python Teaching Assistant*

August 2019 - May 2020

*Java Teaching Assistant*

August 2020 - Present

- Assisted 150+ students with debugging and optimization skills by holding consulting hours and labs
- Educated 100+ students with programming conceptions, libraries, and their applications in actual codes
- Improved coding techniques by learning different libraries and simplified approaches from colleagues

### Chuyuliwei Intelligent Technology Co., Ltd

Wuhan, China

*Business Analyst Intern*

June 2019 - August 2019

- Analyzed smart furniture market demand among 60 million clients and integrated outcomes as reports
- Visualized quarterly financial data for company presentation based on raw numerical financial reports
- Revamped 20+ product overviews and the company advertising to increase competency in target bids

## LEADERSHIP AND EXTRACURRICULAR EXPERIENCE

### Omicron Delta Epsilon, Honor Society in Economics

Ithaca, NY

*Member*

October 2020 - Present

- Attended social and academic events to meet leaders of the field and build connections with professors

### Ascend Cornell Chapter

Ithaca, NY

*Analyst*

February 2019 - Present

- Developed speed-learning and team-working abilities through 3 case studies and 2 stock pitches

### Cornell Chinese Drama Society

Ithaca, NY

*Executive Vice President*

June 2019 - May 2020

- Coordinated 6 departments to ensure the production and advertisement of 2 drama plays each semester

## ADDITIONAL INFORMATION

**Languages:** Mandarin (Native), English (Fluent)

**Technical Skills:** Python, Java, SQL, MySQL, JavaScript, HTML, CSS, Swift, Stata, Tableau, MS Excel

**Interests:** Basketball, Jazz Music, Asian Cuisine Cooking, Urban Sociology