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 complied the API documentation
- Established the connections between web and database with updates to support new frontend features

Cornell Cup Robotics   **Ithaca, NY**
Backend Engineer   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
- Checked database constraints on entities by implementing Builder Classes and new methods for models
- Created and integrated File Transaction Handler to enable new file download notification email feature
- Spent 6+ hours per week on implementing the Computer Science Courses Management System X

Talkiin   **Remote Work**
Backend Engineer Intern   September 2020 – December 2020
- 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 – December 2020
Computer System Teaching Assistant   January 2021 – 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

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