Victoria Deng

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EDUCATION

NORTHWESTERN UNIVERSITY

Evanston, IL

B.A. in Communication Studies, Computer Science, Economics Minor

Expected Graduation: 2024

Kellogg School of Management Financial Economics Certificate Program for Undergraduates

- *GPA:3.8/4.0* | Dean's List: 6/6 Quarters | *SAT: 1580/1600* | *National AP Scholar*
- Relevant Coursework: Data Structures, Computer Systems, Intro to AI/ML, Website Development, Human-Computer Interaction

WORK EXPERIENCE

Morgan Stanley New York, NY

Incoming Software Engineer

- Meet with clients and business teams to gather and analyze requirements in order to make system design decisions to integrate and develop necessary software used by business units
- Develop high performing, low latency electronic trading systems, and evolving complex workflows and life-cycle management

PricewaterhouseCoopers

San Francisco, CA

Incoming Technology Consulting Intern

- Develop strategic analyses and client deliverables while building solid and collaborative relationships with team members
- Collect and utilize relevant business and industry trend information and analyze this information effectively by applying numerical and strategic analysis techniques to implement software for clients

Northwestern SONIC/ATLAS Lab

Data Science Research Intern

Evanston, IL

June 2021- Present

- Developed R code to analyze data from human/robot team interactions collected over the course of 5 months to generate 20+ statistical models, isolating the unique effects of autonomy (versus humans) on team performance outcomes
- Compiled leadership incidences from 20+ Italian Renaissance scripts and categorized them into 16 Leadership Theories to examine their effects on the development of a nation

Northwestern Peer Tutor

Mathematics Tutor, Tutor Coordinating Manager

Evanston, IL

June 2021- Present

- Planned, coordinated, and executed thrice a week tutoring sessions teaching college level calculus, linear algebra, statistics and other mathematical concepts through scaffolding techniques, increasing average student grade by 10%
- Personally supervised twelve students to facilitate collaborative, inclusive conversations, building student confidence

LEADERSHIP & ACTIVITIES

National Conservation Foundation Envirothon

Wilmington, DE

Team Captain

August 2017-2020

- Created biweekly training and meetings plans in preparation for state and national level competitions resulting in a team ranked 1st at the State level for three consecutive years and 11th at the National level
- Investigated geographical and ecological markers to generate best management plans (BMPs) for local farms

ADDITIONAL

- Technical/Computer Science Experience: C (Basic), C++ (Intermediate), Excel (Intermediate), HTML/CSS/JavaScript (Intermediate), Flask (Intermediate), Java (Intermediate), Powerpoint (Intermediate), Python (Intermediate), RStudio (Intermediate), SQL (Intermediate)
- Languages: English (Native), Mandarin Chinese (Native), Latin (Basic Proficiency)
- Interests: Running, Lifting, Photography, Martial Arts, Cooking, Productivity
- Extracurricular: Institute for Student Business Education, Chinese Student Association, Society of Asian Scientists and Engineers, Women in Business, Women in Computing, Powerlifting Club