

Teresa Shao

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EDUCATION

Columbia University, Columbia College

Class of 2026

Bachelor of Arts: Computer Science and Sociology

- **GPA:** 4.12/4.0, Dean's List all semesters
- **Relevant Coursework:** Introduction to Programming in Java (A+), Data Structures in Java (A+), Accelerated Multivariable Calculus (A), Linear Algebra, Advanced Programming, Intermediate Macroeconomics

INTERNSHIPS

Sunny Optical, Leading Manufacturer of Optical Components

June 2023-August 2023

Business Development Intern

- Presented a recommendation regarding automotive camera manufacturing expansion in Europe and North America to board members, entailing market size, investment cost analysis, and Tier 1 and OEM research
- Conducted ecosystem research through on-site visits of Mobileye, Invisalign, and Smart Mirror with INET Electronics in Israel and an in-depth analysis of 15 leading augmented and virtual reality companies
- Attained understanding of technical product management through shadowing projects in proposal, proof of concept, and development stages

BATS-TOI, Combat Sports Headgear Start-up

February 2023-May 2023

Data Analytics Intern

- Designed customer experience surveys, analysed both qualitative and quantitative response data, and identified insights for improving BATS-TOI's 3D-printed headgear
- Grew BATS-TOI's customer base by creating marketing proposals regarding the competitive combat sports space, including blogs, social media, etc.
- Researched the potential integration of new technologies like Open AI into BATS-TOI's business model

Columbia Women's Business Society (CWBS)

October 2022-Present

Digital Marketing Chair

- Increased Instagram reach from 2.4K to 3.8K accounts per month by developing new partnerships and designing 30+ informative social media posts during the summer
- Assisted in planning the content and logistics of the annual Women's Business Leadership Conference which drew over 400 undergraduate students
- Sent 20+ outreach emails to female leaders in business and led conference preparation briefings

Rural Education Action Program, Stanford University

June 2020-August 2021

Research Intern

- Designed and executed two empirical research projects in rural China to inform national policies with the goal of integrating China's rural population into its long-term growth
- Presented findings to local government officials regarding ways to promote early childhood development
- Published findings in the *International Journal for Environmental Research and Public Health* as the co-author of two research papers

PROJECTS

Reddit Sentiment Analyser, Personal Project

- Utilized the Python Flask framework to develop a web-based sentiment analyser that returns the average sentiment of Reddit posts and comments
- Developed back-end using PRAW and VADER Sentiment Analysis, which generates the sentiment value of a variety of Reddit content

Sunscreen Reminder, Personal Project

- Developed a program that assesses hourly UV index and provides an automatic daily email reminder for users to apply sunscreen
- Utilized Beautiful Soup to conduct web scraping of UV indices and their 5-day forecast
- Designed front-end interface using the Tkinter framework, which allows the user to input their location, desired notification time, and email for receiving the reminder

SKILLS & ACTIVITIES

Languages: English (first language), Mandarin (first language), Spanish and Latin (elementary)

Skills: Java, Python, C, HTML, CSS, JavaScript, Adobe Illustrator

Activities: Nightline Peer Listener (Treasurer and Statistician), Columbia Women's Business Society (Digital Marketing Chair), Almadworks Fellowship Spring 2023 Cohort, Orchestis Dance Group