

# Dorothy Zhao

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## EDUCATION

<b>Princeton University, Princeton, NJ</b> A.B. Candidate, Concentration: Computer Science   GPA: 3.98/4.0 Relevant Coursework (*current): Algorithms and Data Structures, Programming Systems, Statistics and Data Analysis for Economics, Predictive Machine Learning for Data Analytics*, Advanced Programming Techniques* Awards: Shapiro Prize for Academic Excellence 2017-18, Outstanding Work by an Underclassman in Creative Writing	Expected June 2021
<b>Council Rock High School North, Newtown, PA</b> GPA: 4.0/4.0   SAT: 2400 (Mathematics: 800, Critical Reading: 800, Writing: 800) Awards: Valedictorian, Coca-Cola Scholar, United States Presidential Scholar Semifinalist, National AP Scholar	June 2017

## WORK EXPERIENCE

<b>Goldman Sachs</b> <i>Classics Investment Banking Summer Analyst (Financial Institutions Group)</i>	June 2019-Present
<ul style="list-style-type: none"><li>Drafted committee memorandum following \$400mm issuance of preferred stock by client company, including projecting company financials, and presented to senior leadership</li><li>Performed company and industry analyses for clients, preparing pitch books for potential M&amp;A and buy-side deals</li></ul>	
<b>Partnership for Public Service, Washington, D.C.</b> <i>Research &amp; Evaluation Intern</i>	June 2018-August 2018
<ul style="list-style-type: none"><li>Conducted background research on five government agencies and collaborated with internal team and executive sponsor, Accenture Federal Services, to prepare an issue brief on improving citizen experience in the federal government</li><li>Compiled and synthesized 78 agency priority plans from 23 government agencies to create a data point on customer experience in the government that was used in the firm's outreach material to members of Congress</li><li>Analyzed the information technology budgets of 15 cabinet agencies, making IT dashboards which presidential transition teams will use in 2020</li></ul>	
<b>Social Stigma and Perception Laboratory, Princeton, NJ</b> <i>Undergraduate Research Assistant</i>	September 2017-Present
<ul style="list-style-type: none"><li>Assist Professor J. Nicole Shelton with an audit study exploring the representations of diversity in college admissions material</li><li>Evaluated 600 colleges' mission statements using a quantitative content analysis coding schematic and developed an algorithm that implemented text analytics to sort over 1,000 collected data points</li></ul>	
<b>E3: Education Equals Empowerment, Newtown, PA</b> <i>Founder &amp; President</i>	November 2014-September 2017
<ul style="list-style-type: none"><li>Founded E3: Education Equals Empowerment, a non-profit organization that inspires girls' interest in STEM through hands-on activities such as afternoon workshops and weekend seminars</li><li>Ran monthly STEM workshops at 6 partner elementary schools attended by over 1,000 3rd and 4th grade female students</li></ul>	

## LEADERSHIP EXPERIENCE

<b>Asian American Student Association (AASA)</b> <i>Co-President</i>	January 2019-Present
<ul style="list-style-type: none"><li>Manage an executive board of 14 people to plan weekly roundtables, speaker series, and cultural events for our organization, which serves over 300 undergraduate members</li></ul>	
<b>The Daily Princetonian</b> <i>Head Editor of The Prospect</i>	September 2018-Present
<ul style="list-style-type: none"><li>Founder and head editor of <i>The Prospect</i>, the <i>Daily Princetonian's</i> culture blog, which is at the forefront of the organization's digital first initiative</li><li>Manage a team of twenty columnists, assigning articles to be published on a daily basis, in addition to editing and creating graphics each article</li></ul>	
<b>Princeton University Undergraduate Student Government (USG)</b> <i>Alumni Affairs Chair</i>	February 2018-February 2019
<ul style="list-style-type: none"><li>Coordinated with the Office of Alumni Affairs to plan the first USG undergraduate-alumni networking event, which was attended by over 400 individuals, during the SheRoars Conference</li></ul>	

## PROJECT EXPERIENCE

<b>Kavanaugh Hearing Twitter Scraper</b>	November 2018
<ul style="list-style-type: none"><li>Spearheaded efforts to automate large-scale data-processing at the Princeton University's Social Stigma and Perception Laboratory</li><li>Created a web scraper using Python and the Tweepy module to scrape a random sample of 4000 user timelines, allowing researchers to analyze tweets for race-based macroenvironmental stressors</li></ul>	

## SKILLS, ACTIVITIES, & INTERESTS

**Language Skills:** Mandarin Chinese (conversational fluency), Spanish (elementary)

**Computer Skills:** Java, C, R, Adobe Photoshop, Microsoft Office

**Activities & Interests:** Princeton Women's Club Ultimate Frisbee (Social Chair), graphic design, creative writing