

Dorothy Zhao

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EDUCATION

Princeton University, Princeton, NJ	Expected June 2021
A.B. Candidate, Intended Concentrations: Computer Science and Finance GPA: 4.0/4.0	
<i>Current Coursework:</i> Algorithms & Data Structures, Linear Algebra, Introduction to Quantitative Social Science, Introduction to Creative Writing (Fiction), Prejudice: Its Causes, Cures, and Consequences	
<i>Awards:</i> Shapiro Prize for Academic Excellence, Outstanding Work by an Underclassman in Creative Writing	
Council Rock High School North, Newtown, PA	June 2017
GPA: 4.0/4.0 SAT: 2400 (Mathematics: 800, Critical Reading: 800, Writing: 800)	
<i>Awards:</i> Valedictorian, Coca-Cola Scholar, United States Presidential Scholar Semifinalist, National AP Scholar	

WORK EXPERIENCE

Partnership for Public Service, Washington, D.C.	June 2018-August 2018
<i>Research & Evaluation Intern</i>	
<ul style="list-style-type: none">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 governmentCompiled 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 CongressAnalyzed the information technology budgets of 15 cabinet agencies, making IT dashboards which presidential transition teams will use in 2020	
Social Stigma and Perception Laboratory, Princeton, NJ	September 2017-Present
<i>Undergraduate Research Assistant</i>	
<ul style="list-style-type: none">Assist Professor J. Nicole Shelton with an audit study exploring the representations of diversity in college admissions materialEvaluated 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	
Sunny College, Akron, OH	September 2014-Present
<i>Tutor</i>	
<ul style="list-style-type: none">Conduct weekly tutoring sessions for international high school students on English vocabulary and standardized testing skillsDesign personalized lesson plans for ten different students to increase their reading comprehension skills	
E3: Education Equals Empowerment, Newtown, PA	November 2014-September 2017
<i>Founder & President</i>	
<ul style="list-style-type: none">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 seminarsRan monthly STEM workshops at 6 partner elementary schools attended by over 1,000 3rd and 4th grade female studentsCollaborated with six board members to coordinate volunteer opportunities for 100 high school students and host three fundraisers	

LEADERSHIP EXPERIENCE

The Daily Princetonian	September 2018-Present
<i>Blog Editor</i>	
<ul style="list-style-type: none">Found <i>The Daily Princetonian's</i> online blog, focusing on promoting a digital-first perspective and integrating multimedia platforms to the website	
Assistant Opinion Editor	January 2018-Present
<ul style="list-style-type: none">Provide comprehensive editing and proofreading services for columns and editorials written on a variety of issues, ranging from tax reform to critical film theoryEstablished the first themed monthly column for the Opinion section, increasing viewership by over 10K for the month of April	
Princeton University Undergraduate Student Government	February 2018-Present
<i>Alumni Affairs Chair</i>	
<ul style="list-style-type: none">Manage a budget of \$3,000 to co-host events with the Office of Alumni Affairs, including receptions and mentorship sessions, that help improve relationships between current undergraduates and alumni	

PROJECT EXPERIENCE

Autocomplete	September 2018
<ul style="list-style-type: none">Created an application using Java that can predict and suggest the search query a client will enter based on historical data	
Percolation System	August 2018
<ul style="list-style-type: none">Implemented a union-find data structure in Java to estimate the value of a percolation threshold via a Monte Carlo Simulation	

SKILLS, ACTIVITIES, & INTERESTS

Language Skills: Mandarin Chinese (fluent), Spanish (working proficiency)
Computer Skills: Java, R, HTML/CSS, Adobe Photoshop, Microsoft Office
Interests: Tennis, Alto saxophone, Philadelphia sports teams, graphic design, traveling