Dorothy Zhao

dorothyzhao@princeton.edu | 5383 Frist Center | Princeton, NJ 08544-1157 | (267) 567-4513

EDUCATION

Princeton University, Princeton, NJ Expected June 2021

A.B. Candidate, Intended Concentrations: Computer Science and Public Policy| GPA: 4.0/4.0

Relevant Coursework (*current): Computer Science: An Interdisciplinary Approach, Algorithms & Data Structures*, Linear Algebra*, Introduction to Quantitative Social Science*

Awards: 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)

Awards: Valedictorian, Coca-Cola Scholar, United States Presidential Scholar Semifinalist, National AP Scholar

WORK EXPERIENCE

Partnership for Public Service, Washington, D.C.

Research & Evaluation Intern June 2018-August 2018

- 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
- 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
- Analyzed 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

Undergraduate Research Assistant September 2017-Present

- Assist Professor J. Nicole Shelton with an audit study exploring the representations of diversity in college admissions material
- 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

Sunny College, Akron, OH

Tutor September 2014-Present

- Conduct weekly tutoring sessions for international high school students on English vocabulary and standardized testing skills
- Design personalized lesson plans for ten different students to increase their reading comprehension skills

E³: Education Equals Empowerment, Newtown, PA

Founder & President November 2014-September 2017

- 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
- Ran monthly STEM workshops at 6 partner elementary schools attended by over 1,000 3rd and 4th grade female students
- Collaborated with six board members to coordinate volunteer opportunities for 100 high school students and host three fundraisers

LEADERSHIP EXPERIENCE

The Daily Princetonian

Blog Editor September 2018-Present

- Found *The Daily Princetonian*'s online blog, focusing on promoting a digital-first perspective and integrating multimedia platforms to the website

Assistant Opinion Editor January 2018-Present

- Provide comprehensive editing and proofreading services for columns and editorials written on a variety of issues, ranging from tax reform to critical film theory
- Established the first themed monthly column for the Opinion section, increasing viewership by over 10K for the month of April

Princeton University Undergraduate Student Government

Alumni Affairs Chair February 2018-Present

- 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

- 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

- 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