

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, Concentration: Computer Science | GPA: 3.98/4.0

Relevant Coursework: Algorithms & Data Structures, Computer Graphics, Computer System Design, Advanced Programming Techniques

Awards: Shapiro Prize for Academic Excellence 2017-18, Outstanding Work by an Underclassman in Creative Writing, Coca-Cola Scholar

WORK EXPERIENCE

Roost Travel Co.

Software Engineering Intern

March 2020-Present

- Built the company's entire listing platform using React and the Sharetribe Flex API, allowing users to directly list their vacation stays on the site
- Worked directly with the CEO to plan the visual redesign of the website and booking platform in addition to executing on these design plans

Goldman Sachs

Classics Investment Banking Summer Analyst (Financial Institutions Group)

June 2020-August 2020

June 2019-August 2019

- Performed financial analyses for clients in the financial technology and asset management sector, preparing pitch books for potential M&A and buy-side deals
- Prepared board and management presentation materials, analyzing key performance indicators, peer analysis, and intrinsic valuation, for point-of-service and payment processor companies

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-May 2019

- Assisted 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

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

LEADERSHIP EXPERIENCE

Asian American Student Association (AASA)

Co-President

January 2019-February 2020

- Managed an executive board of 14 people to plan weekly roundtables, speaker series, and cultural events for our organization, which serves over 300 undergraduate members

The Daily Princetonian

Head Editor of The Prospect

September 2018-February 2020

- Founder and head editor of *The Prospect*, the *Daily Princetonian's* culture blog, which is at the forefront of the organization's digital first initiative
- Managed a team of twenty columnists, assigning articles to be published on a daily basis, in addition to editing and creating graphics each article

PROJECT EXPERIENCE

Driver's Ed (<https://tinyurl.com/driversed-426>)

May 2020

- Worked in a team of 4 to create an infinite-runner driving game through Princeton using three.js and HTML/CSS
- Won Best Art Direction Award and 3rd place project overall for Spring 2020 COS 426: Computer Graphics

Espresso (<http://coffeeclub.princeton.edu>)

September 2019-January 2019

- Led a team of five to create a mobile ordering web application for the Coffee Club, a student-run coffee shop at Princeton
- Managed external stakeholder relationships with Princeton University administrators and Coffee Club owners
- Wrote server-side code to process client requests using the Flask REST framework and client-side code using ReactJS with Axios

SKILLS, ACTIVITIES, & INTERESTS

Languages : Python, Javascript, HTML/CSS, Java, C, Go, SQL (Postgres, MySQL), R

Frameworks: React, Django, Flask

Tools: Adobe Design Suite, Figma, Sketch, Microsoft Office Suite

Activities & Interests: Cap & Gown Club (Tech Chair), Princeton Women's Club Ultimate Frisbee (Social Chair), creative writing