**Dorothy Zhao**

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**EDUCATION**

**Princeton University, Princeton, NJ** Expected June 2021

*A.B. Candidate*

Concentration: Computer Science, Minor: Statistics & Machine Learning | GPA: 3.98/4.0

Relevant Coursework: Algorithms & Data Structures, Computer Graphics, Computer Systems 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., Boston, MA (Remote)**

*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 and implement the visual redesign of the website and booking platform

**Goldman Sachs, New York, NY**

*Investment Banking Summer Analyst (Financial Institutions Group)*June 2020-Present*Investment Banking Sophomore Summer Analyst (Financial Institutions Group)*  June 2019-August 2019

* + - Advise clients in the financial technology and asset management space, prepare valuations using LBO, public company and precedent transaction analysis
    - prepare valuations using LBO, public company and precedent transaction analysis on buy-side M&A and financing transactions; prepare valuations using LBO, public company and precedent transaction analysis, and key performance metrics
    - Prepared merger analysis, discounted dividend model, peer valuation, and precedent transaction comparison materials for a case study on a merger-of-equals between two insurance companies

**Partnership for Public Service, Washington, D.C.**

*Research & Evaluation Intern* June 2018-August 2018

* 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 Princeton’s largest undergraduate student club with over 300 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/driversed426>**)** 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

**Expresso (**[http://coffeeclub.princeton.edu](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, 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