**Dorothy Zhao**

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**EDUCATION**

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

*A.B. Candidate*

* + - Concentration: Computer Science | Minors: Statistics & Machine Learning, Asian American Studies | GPA: 3.98/4.00
    - 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**

**Goldman Sachs, New York, NY**

*Investment Banking Summer Analyst (Financial Institutions Group), Received full-time offer*July 2020 – August 2020*Investment Banking Sophomore Summer Analyst (Financial Institutions Group)*  June 2019 - August 2019

* + - Advise clients in the financial technology and asset management space on M&A and equity financing transactions
    - Analyzed key performance indicators of 15 payment processor and point-of-service companies to determine potential acquisition targets
    - Prepared case study on merger-of-equals using merger analysis, discounted dividend model, public company, and precedent transaction analysis

**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 produce an informational brief on customer experience in the federal government; informational brief was used in the firm’s outreach material to Congress members
* Analyzed the information technology budgets of 15 cabinet agencies and created 15 IT dashboards for 2020 Presidential transition teams

**Stigma and Social Perception Laboratory, Princeton, NJ**

*Undergraduate Research Assistant* September 2017 - May 2019

* + Assisted Professor Nicole Shelton on audit study exploring the representations of diversity in college admissions materials and mission statements
  + Developed a text analytics algorithm and utilized a qualitative content analysis coding schematic to evaluate 1,000+ collected data points

**ENTREPRENEURSHIP EXPERIENCE**

**Roost Travel Co., Boston, MA (Remote)**

*Interim CTO* 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 with the CEO to redesign the booking and listing platforms, set key product specifications, and established post-launch success metrics

**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
* Ran monthly workshops and weekend seminars attended by 1,000+ third and fourth grade female students at 6 partner elementary schools

**LEADERSHIP EXPERIENCE**

**Asian American Student Association (AASA)**

*Co-President* January 2019 - February 2020

* + Managed executive board of 14 undergraduate students to plan cultural events for the largest undergraduate student club serving 300+ members

**The Daily Princetonian**

*Head Editor of The Prospect* September 2018 - February 2020

* + - Launched the newspaper’s digital-first initiative by creating *The Prospect*, an arts and culture blog, and defined the blog’s mission and strategy
    - Managed a team of twenty columnists as well as assigned, edited, and created graphics for daily articles, generating over 1,000+ clicks per article

**PROJECT EXPERIENCE**

**Driver’s Ed (**<https://tinyurl.com/driversed426>**)** May 2020

* + - Created an infinite-runner driving game through Princeton using three.js and HTML/CSS in a team of four undergraduate students
    - Won Best Art Direction Award and third place project (out of 32 teams overall) in COS 426: Computer Graphics course

**Expresso (**[http://coffeeclub.princeton.edu](http://coffeeclub.princeton.edu/)**)** September 2019 - January 2020

* + - Led a team of five students to create a mobile ordering web application for the Coffee Club, a student-founded coffee shop at Princeton
    - Aligned stakeholder relationships among the Princeton University administrators, Coffee Club owners, and engineering team
    - 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 & Frameworks**: Python, Javascript, HTML/CSS, Java, C, SQL (Postgres, MySQL), R, React, Django, Flask

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

**Activities & Interests:** Cap & Gown Club (Tech Chair), Commencement Committee, ultimate frisbee, creative writing, baking