

**EDUCATION****Princeton University**

A.B. Major: Economics    Minors: Computer Science; Statistics and Machine Learning    Aug 2020 - May 2024

- GPA: 3.5
- SAT: 1580 (800 M, 780 RW)
- Highlighted Courses: Introduction to Machine Learning; Machine Learning with Social Data; Research Projects in Data Science; Algorithms and Data Structures; Econometrics

**Awards:** Scholastic Art and Writing Awards (National Silver Medals in Writing and Art); National Merit Finalist

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**EXPERIENCE****WEP Dataverse Research Assistant** - Princeton University    Nov 2023 - Present

- Redesign backend management of WEP (World Economics and Politics) datasets, utilizing R, SQL, and Excel to automate data maintenance workflows and streamline end-user data request processes
- Ensure the accuracy and relevance of over 1800 variables covering politics, economics, geography, social, and cultural aspects for 200+ countries, spanning from 1500 to 2022
- Track and report usage statistics for the datasets, providing insights into their impact and relevance within the academic and research community

**FSI Course Fellow: Visualizing Data** - Princeton University    Jun 2023 - Aug 2023

- Guided a cohort of first-generation Princeton students in acquiring essential programming, statistical, and data visualization skills through the R Programming Language, fostering data science expertise
- Illustrated research methodologies utilizing the American Community Survey dataset, effectively presenting course concepts and demonstrating advanced data analysis techniques to students

**R&D Program Management Intern** - PTC (Parametric Technology Corporation)    Jun 2022 - Aug 2022

- Built an automated data-tracking system with Microsoft Excel and Power Automate: Tracks 12+ projects and 100 employees, interacting with other Microsoft products to cut hours of manual updating to moments
- Rebuilt the landing page for the Innovation Gala, PTC's in-house tech competition: Created graphics, wrote project descriptions and articles, and improved website design/readability with HTML and CSS
- Initiated remodeling PTC's employee-rewards system, leading communications with an international HR team to research appropriate reward tiers, content, and suppliers. Compiled database for recommendations

**Research and Consulting Intern** - Arete Publica Associates    Jun 2021 - Aug 2021

- Researched newly passed Californian broadband legislation (SB156) to identify consulting opportunities for the firm. Presented research findings and data-driven recommendations to company stakeholders
  - Wrote two capstone research articles for the company website about the California broadband project
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**EXTRACURRICULARS****President** - Six14 Christian Dance Company    Apr 2023 - Present

- Lead weekly officer board meetings (~10 officers) to delegate tasks concerning rehearsals, campus events/performances, dance showcases, etc. Act as the final authority for all major decisions
- Directed publicity strategies for the Six14 Dance Showcase: Organized photoshoots, designed graphics, and managed communications with Princeton's Performing Arts Council. Raised \$6000 in ticket sales

**Assistant Data Editor** - The Daily Princetonian    Sep 2023 - Present

- Work closely with teams across The Daily Princetonian to scrape/analyze data about campus trends using Python and Flourish. Couple data visualizations with compelling writing in article form.
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**SKILLS**

- **Coding Languages:** R, SQL, Python, Stata, Java, C; HTML, CSS, and Javascript
- **Tools:** Microsoft Excel, PowerPoint, Smartsheet, Power Automate; Adobe Photoshop
- **Hobbies/Misc.:** Reading and writing, guitar, graphic design, photography, dance