

## Education

### **HARVARD COLLEGE**

Anticipated Double Concentration in Statistics (Data Science track) and Government.

Cambridge, MA  
May 2025

## Technical Skills

**Programming:** R, Python, HTML, CSS, SQL, Java.

**Web Development:** geogenius.org, reroot.me, harvardcollegepianosociety.com. Experience with Figma.

## Experience

### **STATISTICS 110**

#### **Teaching Fellow**

Cambridge, MA  
September – December 2022

- Led weekly sections and office hours to help teach key concepts in probability.
- Assisted with grading and creating materials for Harvard's largest undergraduate course (~750 students).

### **INTERNAL REVENUE SERVICE**

#### **Civic Digital Fellow – Data Science**

Remote work  
June – August 2022

- Investigated the efficiency of general and customized versions of Google's BERT language model in generating text embeddings and labeling IRS.gov webpages.
- Automated the webpage classification process, providing taxpayers more useful information through metadata and furthering the IRS's mission of improving accessibility.
- Explored the functionality of Python packages such as tensorflow and transformers in order to write scripts to semantically classify texts into 14 predetermined categories.

### **REROOT**

#### **Co-Founder & UX Researcher**

Cambridge, MA  
October 2021 – May 2022

- Worked with a team to develop reRoot (reroot.me), a decision-making support platform using U.S. Census data to help members of minority and disenfranchised communities with migration needs.
- Conducted feedback interviews with user advocates and community partners.
- Finalist in the MIT IDEAS Social Innovation Challenge following a semester-long U.S. Census data sprint.

## Projects & Activities

### **HARVARD SPORTS ANALYSIS COLLECTIVE**

September 2021 – present

- Participating in the NFL's Big Data Bowl, using machine learning methods in Python to evaluate how the skill of teams' offensive lines affects quarterbacks' pocket area on passing plays.
- Used data analysis to investigate the relationship between NFL teams' salary management and yearly success.

### **STATISTICS 139**

September – December 2022

- Applied statistical modeling practices in R to analyze factors that affect soccer players' transfer values, as well as how the relationships between these factors change with differences in league quality.

### **HARVARD INTERNATIONAL REVIEW**

#### **Senior Editor & Solicits Associate**

Cambridge, MA  
September 2021 – present

- Published articles dissecting great power dynamics in Southeast Asia and the South Pacific, resource management in Mongolia, and African space development.
- Conducted interviews with Timor-Leste President José Ramos-Horta and global space policy experts.

### **HARVARD UNDERGRADUATE FOREIGN POLICY INITIATIVE**

#### **Deputy Director of U.S.-China Initiatives**

Cambridge, MA  
September 2021 – present

- Co-leading a collection of five teams of policy researchers in dialogue with Fudan University in Shanghai on common guidelines for emerging technological fields.
- Organizing a conference in partnership with Fudan for February 2023 with speakers from both countries and workshops focused on avenues for U.S.-China cooperation.