

# Jocelyn Shek

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## Education

### Harvard University

A.B., Joint Concentration in Sociology and Statistics (Data Science track)

Activities: Course Assistant and Peer Concentration Advisor, Department of Sociology

Relevant Coursework: Visualization (CS 171); Code, Data, and Art (CS 73); Introduction to Statistical Inference (STAT 111)

Awards: *The Pudding* Cup Honorable Mention; Center for Integrity in News Reporting Finalist (NBC's "Vaccine Divide")

Cambridge, MA

Expected May 2027

## Experience

### The Minnesota Star Tribune

#### Data Reporting Intern

Minneapolis, MN

Jan. 2026 – Present

- Pitch, report, and develop data-driven story ideas for a statewide audience
- Clean and analyze datasets using Python to identify trends and support enterprise reporting
- Conduct interviews with officials, community members, and subject experts to bolster original reporting

### NBC News

#### Data Graphics and Visualization Intern

New York City, NY

Jun. 2025 – Aug. 2025

- Reported 5+ bylined, data-driven articles on diverse national news topics
- Produced 20+ interactive data graphics supporting coverage across desks using D3.js and D3.js
- Collected, cleaned, and analyzed complex datasets using Python (pandas) to support newsroom reporting
- Contributed to breaking news coverage by delivering accurate data analysis and visuals under tight deadlines
- Built tool to automate weekly news quiz creation and supported the technical production of interactive stories

### The Harvard Crimson

#### Staff Writer, Fifteen Minutes

Cambridge, MA

Jan. 2025 – Present

- Report and write narrative and long-form investigative pieces for *Fifteen Minutes*, *The Crimson's* magazine
- Conduct in-depth research and interviews with Cambridge and Harvard students and community members
- Develop story pitches, perform background reporting, and craft pieces from personal introspections to reported features about Harvard/Cambridge, including a prominent investigation of right-wing legal theory at Harvard

### Harvard Undergraduate Open Data Project

#### 2025-26 President, 2024-25 Managing Editor

Cambridge, MA

Sept. 2023 – Present

- Led 50+ member data journalism group, overseeing reporting, visualizations, finances, and strategy
- Redeveloped and taught semesterly data journalism bootcamp, mentoring in analysis, visualization, & storytelling
- Edit and contribute to published stories about local and campus issues, guiding reporters through data sourcing, cleaning, and narrative development

### Harvard University, Department of Sociology

#### Research Assistant to Dr. Christina Ciocca Eller

Cambridge, MA

Feb. 2026 – Present

- Analyze survey data using R and STATA to examine diverse higher education pathways among individuals who attended college without attaining a bachelor's degree
- Interpret complex weighted survey results and demographic patterns to support quantitative research
- Contribute statistical analysis and writing for a sociological study of postsecondary educational trajectories

## Skills & Interests

**Development/Analysis:** JavaScript (D3, p5), HTML, CSS, Python (pandas), R, SQL, Git, QGIS, Excel, Google Sheets

**Visualization/Design:** D3.js, Figma, Flourish, Tableau, Looker Studio

**Interests:** Census data, human-centered visualization, urban policy, text analysis