

Sreya Guha

Palo Alto, CA – sreya@guha.com

Education

Stanford University, M.S. Computer Science **Expected March 2024**

Concentration in Human-Computer Interaction. GPA: 4.0

Stanford University, B.S Symbolic Systems with Honors **March 2023**

Concentration in Artificial Intelligence. GPA: 3.8

Skills

Experienced in Python, Javascript, SQL, ReactNative and Django. Experience with policy analysis and research.

Relevant Coursework

Courses in Algorithms, Computer Systems, Design Thinking, Machine Learning, Natural Language Processing, Neural Networks, User Interfaces, and Web Applications.

Experience

Stanford Law School – Data Science Research Assistant **June 2023 -**

- Performing analysis on large-scale datasets pertaining to litigation transparency in project supervised by Professor David Engstrom.

County of Santa Clara Public Defender’s Office – Intern **June 2022 – Sept 2022**

- Analyzed and provided reports on evidence for ongoing felony trials.
- Assisted in *voir dire* process and client interviews for felony trials.

D.C. Superior Court – Intern **June 2021 – Aug 2021**

- Worked on education modules and introduction of new case management system.
- Assisted with internal review of case management documents and judge-in-chambers cases.

Global Digital Policy Incubator, Stanford University – Research Assistant **June 2020 – June 2023**

- Contributed to biweekly human rights and technology digest.
- Wrote memos about specific human rights and artificial intelligence issues (e.g. facial recognition, UNESCO recommendations on the ethics of artificial intelligence)

Computer Science Department, Stanford University – Research Assistant **June 2020 – Aug 2020**

- Worked on PolicyKit, software infrastructure for community governance in Professor Bernstein’s Lab.
- Integrated Reddit API into PolicyKit.
- Designed and implemented user interface for PolicyKit.

Immigrants’ Rights Clinic, Stanford Law School – Research Assistant **Mar 2020 – May 2020**

- Assisted lawyers in the Immigrants’ Rights Clinic on building and filing a case focused on deportation.

Research and Projects

Undergraduate Honors Thesis in Fisher Family CDDRL Honors Program

[Honors Program](#)

- Performed quantitative analysis on a corpus of 183 million posts from 13 million users from the social media platform, Parler, to understand the rise of extremist activities leading to the January 6th insurrection and the impact of deplatforming. Completed thesis under the supervision of Professor Larry Diamond.

Policy Lab: Innovating Privacy Protection: Tools and Strategies for California Cities

[Policy Lab](#)

- Worked with vice-mayor and city attorney of Berkeley to compile recommendations on local privacy and related consumer-protection legislation and regulation.
- Consulted privacy experts and relevant stakeholders to produce report of best practices for privacy

PolicyKit

policykit.org

- Worked on software that empowers online community members to self govern.

Related Fact Checks

relatedfactchecks.org

- Research on the distribution of fake news and the use of information retrieval techniques to build "Related Fact Checks," a search engine that gives a reader fact checks related to an article.

Doris

pres-search.appspot.com

- Explored quantitative ways of comparing the content of presidential rhetoric across the years.
- Built Doris, an interactive visualization search tool for exploring the evolution of issues in presidential historical documents.

Awards and Honors

[Public Interest Law Fellow](#)

June 2022 – Aug 2022

[Best Overall Project, Pitch and Concept Video in CS147](#)

Jan 2022

[Student Speaker at Freshman and Sophomore Convocation at Stanford University](#)

Aug 2021

[ACM/CSTA Cutler-Bell Prize in High School Computing](#)

March 2017

Publications

- Guha, Sreya. Understanding Parler: Exploring the Evolution of an Unmoderated Platform and the Effect of Deplatforming on Extremist Communities, 2022. Undergraduate Honors Thesis. Available at <https://purl.stanford.edu/hn011kb3770>
- Protecting Human Rights in the Regulation of Facial Recognition Technology. Global Digital Policy Snapshot Series, 2020. Available at <https://bit.ly/gdpci-snapshot>
- The 2020 Pennsylvania Primary Election. Healthy Elections Project, 2020. Available at <https://bit.ly/healthy-elections-memo>
- Guha, Sreya. Related Fact Checks. Proceedings of the Hybrid Statistical Semantic Understanding and Emerging Semantics workshop, International Semantic Web Conference, 2017. Available at <http://ceur-ws.org/Vol-1923/article-02.pdf>
- Guha, Sreya. Doris: An interactive tool for the exploration of historic corpora. Proceedings of the Humanities and the Semantic Web workshop, International Semantic Web Conference, 2017. Available at <http://ceur-ws.org/Vol-2014/paper-04.pdf>