

CS 184 Info Session

Bridging Policy and Tech Through Design

Course Overview

- Spring 2020, 3 units
- Team-based co-creation with partner organization on interdisciplinary policy and technology projects
- Course website: web.stanford.edu/class/cs184
- Application: bit.ly/ApplyCS184
- Apply by **Friday, March 20th**

Project Details

Deliverables:

- Midway “prototype”
- Final “prototype”
- Pitch deck and final presentation to students, faculty, partner orgs, and the larger community

Goals:

- Detailed understanding of problem at intersection of technology, policy, and civil society
- Experiential learning and meaningful connections with partner organizations
- Building a community on and off campus for public-facing technology
- A new framework for addressing systemic change

Logistics

- Teams of **3-4 students**
 - NOTE: you can apply both individually or as a team, it's up to you :)
- Will be arranged before spring quarter
- **Interdisciplinary backgrounds** (i.e. at least one student with a social science background and one with a computing background)

- One full class meeting on **Tuesdays at 4:30** for up to 80 min in 300-303
- **One team meeting per week** to be scheduled by teams with 1 mentor
 - Teams should find a knowledgeable mentor in a domain related to their project (teaching staff can help you find one if necessary!)

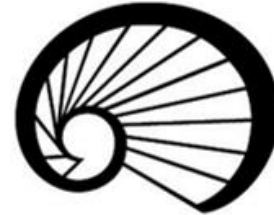
Questions so far? 😊

Partner Orgs

AN INITIATIVE OF
FUND FOR SHARED INSIGHT



SPLC
Southern Poverty
Law Center



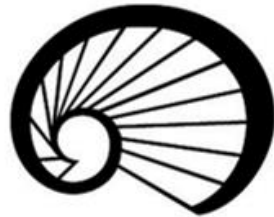
San Francisco Public Library

San Francisco Public Libraries

Mentor: Chief Analytics Officer

Project: How can we measure the concept and experience of a virtual library visit?

Data sources: SFPL traffic data



San Francisco Public Library

Facebook

Mentor: Director, Facebook AI

Project: How can one identify illegitimate political ads?

Data sources: FB political ads



Formally

Mentor: Formally CEO, CTO

Project: How can we build a tool for more accessible navigation of immigration forms?

Data sources: Internal Formally data



Listen4Good

Mentor: L4G Data Analyst

Project: How do we understand patterns in: 1) the strengths and weaknesses of direct service nonprofits; 2) the challenges faced by nonprofits in similar lines of work; and 3) the experiences of clients by age, gender identity, and/or race and ethnicity?

Data sources: Internal L4G dataset



Link Puerto Rico

Mentor: President of Link Puerto Rico

Project: How can we build contextually-aware educational content for technology and entrepreneurship courses to promote a society of creators?

Data sources: Internal Link PR dataset



Cyber Peace Institute

Mentor: Cyber Peace Institute CEO



Projects: 3 suggested projects

- How to better protect one vulnerable population from cyber attacks
- How to design evidence-led accountability analytic framework
- How cyberattacks and information warfare are accelerating one another

Data sources: Open source/existing datasets (CIA factbook, Worldbank, Eurostat, relevant international and regional organisations, and NGOs, general statistics on internet penetration, cyber threats, cyber bullying statistics, victim surveys, etc.)

Paradigm Initiative (PIN)

Mentor: PIN Executive Director and Research Officer

Project: Securing public support for African digital rights advocacy

Data sources: PIN's Digital Rights in Africa Reports (2016 – 2019)



Southern Poverty Law Center

Mentor: SPLC programming staff

Project: Tracking how neo-Nazi (or similar hate groups) support circulation and codewords

Data sources: White-supremacist chat server/ forum records



SPLC
Southern Poverty
Law Center

California Health and Human Services

Mentor: CHHS Office of Innovation Director, Deputy Director, others

Project: 3 Suggested projects

- How to improve transparency between parents on child support services fund usage
- Developing, improving, and evaluating the Open Opportunities pilot
- Help build a protocol for interdepartmental data sharing

Data sources: CHHS Internal data, Stakeholder map and access to key stakeholders



Voter Turnout Project, Stanford

Mentor: Director for Data Analytics, Stanford University

Project: How to predict where and when voter turnout will be low

Data sources: Google Trends with historic voter turnout records; Identify searches that predict low turnout in each region



APPLY BY FRIDAY MARCH 20

 ***bit.ly/ApplyCS184*** 

Teaching Team

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Thank you!

CS184 Teaching Team