

Alexandra Abrahams

www.alexandraabrahams.com • abrahams@college.harvard.edu • (617) 952-8302 • www.github.com/AlexAbes

Education

HARVARD UNIVERSITY

A.B., Computer Science Degree.

Cambridge, MA

August 2015 – May 2018

Transferred to Harvard. Majoring in Computer Science. Relevant Coursework: CS50, CS51, CS171 Data Visualization, CS20 Discrete Math, CS109A Data Science, CS121 Introduction to Theoretical Computer Science, CS96 Systems Design, CS105 Privacy and Technology. Spent Fall 2016 semester off campus interning on Clinton campaign.

OXFORD UNIVERSITY

Studied Philosophy, Politics and Economics (PPE) for two years.

Oxford, UK

October 2013 – June 2015

Focused on economics, including quantitative economics and statistics. Also took courses in International Relations, political theory, philosophy, formal and symbolic logic.

Relevant Work Experience

HILLARY FOR AMERICA

Data Analytics Intern (Organizing Analytics Subteam)

Brooklyn, NY

August 2016 – November 2016

- Programmed a web scraper in Python to correct ~230 false NC polling location addresses in our database just in time for Election Day, so that they could be displayed on the campaign website.
- Created a Python script to pull RealClearPolitics polling averages from any period into a spreadsheet.
- Wrote programs in Python to wrangle and clean datasets, and SQL queries to pull data.

GOCARDLESS

Business Development Intern

London, UK

July 2014 – October 2014

- Member of a small team developing the selling process for the new GoCardless enterprise product.
- Sourced and contacted new leads (500 over 12 weeks) for the product.
- Several of my leads, including Box Europe and The Times, became contracts for the company.

Relevant and Recent Leadership and Activities

IOP STEAM PROJECT: SOCIAL MEDIA AND ELECTIONS

Project Lead

Cambridge, MA

October 2015 – Present

- Project aimed to find out whether Twitter data can predict or model primary election results.
- Was selected as Project Lead in the Spring 2016 semester; led a team of 4 student developers.
- Wrote the Python code to get the correct data from Twitter using geofiltering, and the D3 code for multi-series line graph with user filtering.
- Resulting product is at www.twitterpredicts2016.com.

WOMEN IN COMPUTER SCIENCE ADVOCACY COUNCIL

Member of Survey Team

Cambridge, MA

January 2016 – April 2016

- Harvard Women in Computer Science Advocacy Council uses data to make recommendations to faculty with the goal of closing the gender gap in CS at Harvard.
- Selected for the Survey team, whose role was to analyze the 900+ responses from undergraduate survey.
- Contributed D3 visualizations of the findings for the online data portal.

OTHER CO-CURRICULARS:

- Fall 2017 course assistant for CS171: Data Visualization. Responsibilities included grading and holding office hours for students. 5 hours per week.
- Became a Small Claims Advisory Service volunteer after passing their exam in Massachusetts small claims law.

Skills

Knowledge of HTML, CSS, D3.js, SQL and programming in Python and JavaScript.