SUPRIYA KHANDEKAR

www.supriyakhandekar.com | GitHub: supriyakhandekar | supriyaskhandekar@gmail.com

EDUCATION

Barnard College, Columbia University '19 • Manhattan, New York | GPA: 3.81
Major: B.A. in Computer Science with Linguistics Concentration
Saratoga High School '15 • Saratoga, California
Skills: Python, Java, HTML5 & CSS3, JQuery, React.js, JavaScript

RELEVANT COURSEWORK:

- Data Structures in Java: *Learned concepts and implementations of trees, binary trees, AVL trees, heaps, graphs, lists, and several sorting algorithms.*
- Computing in Context: *Learned how to use vectors, cosine similarity, networks, and topic modeling for data mining and data analysis in Python. Worked with pandas, networkX & scikit-learn.*

PROJECTS

Shortest Paths Between Cities in the U.S. • April 2016

- Implemented Dijkstra's algorithm in Java to calculate shortest distances between cities in the US
- Presented the nearest path to cities with a graphical user interface

Mobile Exercise App • May 2015

- Developed an Android health and wellness app, alongside two team members, that helps individuals find exercises on-the-go to help themselves stay active.

Data Analysis of Diet-Related Tweets • November 2015

- Analyzed tweets with the hashtags #DairyFree, #GlutenFree, #Vegan, & #Paleo to create a map visualization to determine where people were tweeting most about respective hashtags and an analysis of the most common foods tweeted about across all four diets using cosine similarity.

EXPERIENCE

Yahoo! Inc. *Front-End Engineering Intern* | June 2016 - present

- Implementing 4 experiments in React.js that provide different user experiences in Yahoo Mail
- Built a module in JQuery that allows stats to be fired for the mobile app website, providing a robust tool to analyze efficiency and success of experiments
- Involved in processes of rapid experimentation to improve user retention with new Mail features, as a part of the growth engineering team

Ingredient1 *Data Analysis Intern* | Sep. 2015 - February 2016

- Analyzed user trends and content on social media through data analysis in Python
- Researched major nutrition and health-related topics extensively for app/website content
- Provided customer service by addressing consumer concerns and questions and dealt with consumer outreach

Stanford Girl Code *Student* | Summer 2014

- Met Silicon Valley companies and industry experts at Yahoo, Microsoft & Palantir
- Selected from a highly competitive applicant pool & worked on Java coding challenges in an intensive all women's environment

Green Commission *President* | Jan 2013- Jun 2015

- Formulated a solar panel business solution to harness solar energy in a high school parking lot
- Presented financial payback, environmental benefits, and design blueprints of the solar panel project to school district board

Speech and Debate *Captain* | Aug 2011- June 2015

- Wrote and delivered 10-minute speeches on US Education Reform, Impact of Social Media in Society, Impact of Euphemisms in Conversation, and the Benefits of a Liberal Arts Education at several tournaments
- Reached Final Round of 2014 California State Championships in Oratorical Interpretation & Won Martin Luther King Invitational

HONORS & AWARDS:

California State Arts Scholar (2012), Outstanding Choir Female Award (2013), Scholar of Distinction (2011, 2012, 2013, 2014), Susie Nagpal Leadership Scholarship (2015), AP Scholar (2014), Deans List (Fall 2015, Spring 2016)

CAMPUS ACTIVITIES:

- Community Chair for Women in Computer Science (WiCS)
- Barnard Speaking Fellow
- Barnard Debate Club
- Secretary for Columbia Sur Accapella Group