

# Katrina Priya

<http://katrinapriya.github.io> || [katrina.priya@berkeley.edu](mailto:katrina.priya@berkeley.edu)  
San Francisco Bay Area & Greater Los Angeles Area

## EDUCATION

**University of California, Berkeley**  
B.A. Computer Science & Data Science  
Expected May 2021

## LINKS

Github: /katrinapriya  
LinkedIn: /katrinapriya

## COURSEWORK

Structure of Computer Programs  
Data Structures  
Computer Architecture  
Foundations of Data Science  
Principles & Techniques of Data Science  
Designing Information Devices & Systems  
Using Startups & Tech to Solve Problems

Spring 2019

Discrete Math & Probability Theory  
Linear Algebra & Differential Equations  
Product Design

## SKILLS

Technical

Java • Python • Swift • SQL • C  
React • HTML/CSS • JavaScript

Data Analysis

Pandas • NumPy • Seaborn • Matplotlib

Strengths

Leadership • Design • Art  
Public Speaking • Communication

Languages

English • Hindi • Spanish

## ORGANIZATIONS

UCB Association of Women in EECS  
Danceworx

## EXPERIENCE

**AFX Tech Committee** | Web Application Developer

Feb 2018 – May 2018

- Developed a web application using React that allows dance directors to efficiently create choreography blocking configurations
- Implemented the project in a small technical team to help 1000+ dancers in the Berkeley Dance Community

**UC Berkeley EECS Department** | CS Academic Intern & Tutor

Jan 2018 – Aug 2018

- Provided assistance to an introductory computer science class (CS 61A) with over 1100 students enrolled
- Supported students in lab, office hours & tutoring sessions several times a week

**Google CS First** | Girls' CS Club Leader

Spring 2017

- Launched a girls' middle school computing club through Google CS First
- Introduced the basics of programming to a minority population of 30 students who otherwise had no exposure to the field

## PROJECTS

**Bear Maps** | Java

Apr 2018

A back-end implementation in Java that allows user to zoom and navigate a map of Berkeley, using A\* search algorithm to find shortest routes

**Trump, Twitter, and Text** | Pandas, NumPy

Oct 2018

An analysis of Donald Trump's tweets using Twitter's API; drawing conclusions on characteristics such as devices used, sentiment & engagement

**Add One Game** | iOS, Swift, Xcode

Jun 2017

An iOS addition game in Swift with a timer, scorekeeper and colorful graphics; shown to Apple engineers

## AWARDS

**National Center for Women & Information Technology (NCWIT)** | Aspirations in Computing National Runner-Up, State Affiliate Winner

Mar 2015, 2016, 2017

- A national recognition awarding outstanding achievement, leadership and interest in computing and technology; 3-time recipient

**IBM** | Master the Mainframe Part 2 Winner

Dec 2015

- An international competition involving difficult IBM mainframe challenges; was one of the youngest participants to complete Part 2