

Katrina Priya

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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

CS 61A: Structure of Computer Programs
CS 61B: Data Structures
CS 197: Using Startups to Solve Problems
DATA 8: Foundations of Data Science
EE 16A: Designing Information Systems
MATH 1B: Calculus

Fall 2018

CS 61C: Computer Architecture
DATA 100: Techniques of Data Science

SKILLS

Technical

Java • Python • Swift • SQL • C
React.js • 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 ever complete Part 2