ISABELLA DYC-O'NEAL

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EDUCATION

University of California, Berkeley   *May 2020 (Expected)*
Bachelor of Arts in Cognitive Science, Minor in Data Science

WORK EXPERIENCE

Code Naturally – Santa Cruz, CA   *May 2017 – August 2017*
Summer Camp Instructor, Part time
- Code Naturally holds after school programs and summer camps, and seeks to empower elementary school students with basic coding skills, using math, collaboration, and creativity exercises.
- taught students between the ages of 7-12 basic programming skills in the language *Processing.js*
- facilitated brainstorming sessions to identify project ideas
- assisted students to overcome challenges within their coding projects
- designed individualized lesson plans to enhance academic growth

LEADERSHIP & ACTIVITES

Invention Corps - Berkeley, CA   *August 2018 -Present*
Research Member
- assist HUMM, a startup at Berkeley SkyDeck, with development of their wearable headset that improves memory
- conduct user interviews and product demos to gain insight on how to improve the product
- perform research to identify the most meaningful benchmark tests for memory
- experience in applying and practicing the design thinking process in a work world environment

Danceworx – Berkeley, CA   *August 2016 - Present*
Student-run dance organization focusing on Jazz, Hip-Hop and Tap. I have been a performer since arriving at UC Berkeley. Skills I have acquired are self-discipline, dedication, a strong mentality for teamwork, and a knack for problem-solving, Leadership roles I have recently held:
Team Director/Choreographer
- co-directed a team of 50 UC Berkeley student dancers in weekly 2 hour practices
- co-created a 5-minute dance routine
- planned and organized weekly practice schedules to teach and demonstrate dance routines, create a supportive team environment, and perfect timing and technique to prepare for the showcase
- developed effective leadership, communication, and time management skills
- learned productive collaboration skills when co-leading a large group of people

Design Chair
- designed and created flyers for auditions, showcase, fundraisers, etc.
- became more proficient using Adobe Illustrator

Sage Mentorship - Berkeley, CA   *August 2017 - May 2018*
Mentor
- provided a personal connection to an elementary school student in a disadvantaged community using academic and extracurricular activities to foster life skills and personal growth

Santa Cruz Tech Teen Entrepreneur Challenge   *February 2017*
Mentor
- mentored 7th-12th grade students during this hackathon competition, by working with small teams to design, create, and pitch a web based app or website. Link to event-https://sctech.devpost.com/

Girls Who Code at eBay – San Jose, CA   *June 2015 - July 2015*
Summer Immersion Program Participant
- 7-week, 8 hours-a-day, program provided instruction in computer science, robotics, algorithms, web design, and mobile development, specifically for girls in order to reduce the gender disparity in hi-tech companies
- learned soft skills such as networking and public presentation
- designed and created website called Fashion Advisor and presented to a large audience. Girls Who Code organization included Fashion Advisor website as part of their Instagram site

Skills & Interests

Skills*:* [Adobe Illustrator, html/css, python, javascript]
Interests: [dancing, wake boarding, the ocean]