NIKITA ASHOK

CONTACT

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🖥 https://github.com/nikitaa78

EXPERIENCE

Society of Women Engineers - UC Berkeley
Startup Spring Committee
January 2018 - present

- Leads and organizes speaker panels, events, and fireside chats amongst the entrepreneurship community at UC Berkeley
- Raises awareness about entrepreneurship related events around campus
- Connects with industry professionals in order to increase network resources for students

Research Assistant
Whitney Lab - UC Berkeley
June 2016 - December 2017

- Worked at the Whitney Lab under Professor Allison Leib
- Scripted MATLAB code for two different vision experiments and data analytics
- Investigated ensemble coding and serial dependence
- Used subject data to test how well humans can differentiate between inanimate and animate objects

President
American High School DECA
Member: Aug 2013 - June 2017

- Headed organization, curriculum, and conference planning for a chapter of over 200 students
- Implemented new club setup to accomodate California Education rules
- Created programs and mentored students to increase award percentage by 80%
- Trained and recruited two new advisors

Bay Area Liaison
Girls Teaching Girls to Code
Sept. 2015 - August 2017

- Learned how to prepare, organize, and raise money for a hackathon (developed website)
- Developed partnerships with 100 Bay Area students to help with diversity initiatives
- Communicated with 15 companies for sponsorship money

PROJECTS

CatchUp iOS App
Allows users to quickly access professional contact information; implemented Google's Firebase API for users to store contact information
2016

Ensemble Perception - Vision Experiment (MATLAB)
Wrote MATLAB script to run experiments that collect data on how well humans detect animacy
2016-2017

HiveMind - CalHacks 2017
Created a web app learning tool for mapping concepts using Python script; implemented algorithm using matrices to sort concepts

Social Events iOS App - 2017
Implemented Google's Firebase API for users to create/store events, images, and descriptions with Xcode 3.0

AWARDS

2017 **National Center for Women & Information Technology - Aspirations in Computing**
San Francisco Bay Area: Honorable Mention

2016 **DECA International Career Development Conference**
2nd Place - Stock Market Game

2017 **Rewriting the Code Fellowship Program**
Selected as one of the 50 out of 200 female undergrads pursuing a career in tech

EDUCATION

2017 - 2021 **University of California, Berkeley**
Computer Science B.A.
Structure and Interpretation of Computer Programs, Designing Information Devices and Systems I, Data Structures, Data Science

2013 - 2017 **American High School**
Top 10 of Class of 2017 (GPA: 4.69)

SKILLS

- Python
- MATLAB
- Java
- Swift/Xcode
- Javascript

- Leadership
- Communication
- Strategic Planning
- Commitment
- Visual Presentation