

# NIKITA ASHOK

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in nikita-ashok

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## 🎓 EDUCATION

**University of California, Berkeley**  
Computer Science  
2017-2021

**American High School**  
Top 10 Graduating Class  
2013-2017

## 🔧 SKILLS

**Languages:** Java, Python, MATLAB,  
HTML/CSS, Javascript, SQL, XCode

**Coursework:** Structure and Interpretation  
of Computer Programs, Data  
Structures, Information Systems and  
Devices, Principles and Techniques of  
Data Science, Computer Architecture

## ⚙️ PROJECTS

**Ensemble Perception**  
MATLAB based experiment that  
collects data on how well humans  
detect animacy

**MyEvents**  
iOS app built end-to-end,  
implemented Google's Firebase API  
for users to create/store events,  
images, and descriptions with Xcode  
3.0

**BearMaps**  
Used open source library of location  
data for Berkeley to build a map web  
app; Implemented features such as  
zoom, shortest path, and location  
finder

**CalHacks 4.0 - HoneyComp**  
Worked with a team of 3 to complete a  
web app tool that helps students  
visualize related concepts;  
Implemented backend logic using  
Python by storing input data through  
a graph

## 💡 EXPERIENCE

**Society of Women Engineers**  
Startup Spring Committee

January 2018 - present

- Leads and organizes speaker panels, events, and fireside chats amongst the entrepreneurship community at UC Berkeley
- Coordinated logistics for 3, 3-hour events, including corporate relations, food, and publicity for 200 people

**Swurv**  
Product Intern

January 2018 - present

- Conducts user testing and analysis for an early stage networking startup
- Connects CEO with organizations and provides mobile development feedback for UI/UX and user flow

**Rewriting the Code Fellowship**  
Founder, Entrepreneurship Group

March 2018 - present

- Coordinates logistics and recruitment for speaker panels about startup culture, ideas around the United States
- Publishes articles about pathways into tech as a female undergrad pursuing a computer science degree

**Research Assistant**  
Whitney Lab, UC Berkeley

June 2016 - December 2017

- Under Professor Allison Leib, scripted MATLAB code for two vision experiments and data analytics
- Investigated ensemble coding and serial dependence to test how well humans can differentiate between animate and inanimate objects

## 🚀 RECOGNITIONS

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

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