

# ANNIE TANG

annietang@berkeley.edu • 510.579.6706 • [anniewtang.github.io](https://anniewtang.github.io)  
[linkedin](#), [github](#), [behance](#) | @anniewtang

## EDUCATION

UC BERKELEY  
TECHNICAL GPA  
3.67

B.A. COMPUTER & COGNITIVE SCIENCE | CLASS OF 2020

### COURSE WORK:

- \* CS61B: Data Structures & Algorithms
- \* CS70: Discrete Math & Probability
- \* CS61C: Machine Structures
- \* EE16A: Designing Information Systems
- \* Data100: Techniques of Data Science
- \* Math54: Linear Algebra & Differential Eqns

### TECHNICAL SKILLS:

- \* Python, Java, C, Swift, Numpy, SQL, HTML/CSS, Pandas

## EXPERIENCE

UC BERKELEY  
EECS DEPT.  
Fall 2017 – present

### CS61A TEACHING ASSISTANT

- \* Teaching 35+ students twice a week in problem-based, hands-on discussion & lab.
- \* Provides mini-lectures and conceptual support for students during office hours.
- \* Guest lectured to 400 students about Python fundamentals (REPL) and SQL queries.

INFINERA  
INTERNSHIP  
Summer 2016

### SUMMER INTERNSHIP

- \* Developed 2 Excel Macros to automate data extraction and formatting processes
- \* Increased workflow efficiency for the Finance department by cutting a two-day procedure down to 30 minutes

## PROJECTS

ADOBE CC  
FRONTEND  
Spring 2017

### BEARWALKS | [tinyurl.com/bearwalks](https://tinyurl.com/bearwalks)

- \* Designed the UI for a high-fidelity mobile app prototype using Adobe Experience, after conducting extensive UX research (market analysis, scenario mapping, etc.)
- \* Awarded “one of the best prototypes” by Berkeley Innovation, and showcased my work in annual creator galleries.

SWIFT 3.0  
FULL STACK  
Fall 2017

### MDB SOCIALS | [tinyurl.com/mdb-socials](https://tinyurl.com/mdb-socials)

- \* Integrated Google’s Firebase API to create a dynamic social events app.
- \* Built in user creation/authentication, database calls, and image storage functionalities.
- \* Technologies used: Xcode and Swift for iOS

JAVA  
BACKEND  
Spring 2017

### RELATIONAL DATABASE MANAGEMENT SYSTEM | (private repo)

- \* Designed the API for a relational database management system (like SQL) from scratch, and implemented the backend technologies to support retrieval of user queries.
- \* Supported the following queries: natural inner joins, filtering, arithmetic/NAN/NoValue computations, and loading/printing/creating tables.

## INVOLVEMENTS

UC BERKELEY  
STUDENT GOV’T  
Fall 2017 – present

### DIRECTOR OF ENGINEERING, office of adnan hemani

- \* Serving as a liaison for the student body, engineering dept, and office of Adnan Hemani.
- \* Leading a team of 3 engineering interns as a product manager to consolidate campus resources on an accessible web platform for the student body.

UC BERKELEY  
MOBILE DEV  
Fall 2017 – present

### IOS MOBILE DEVELOPER, mobile developers of berkeley

- \* Creating an iOS mobile app every week using Swift 3.0 and Xcode with differing emphasis on various programming paradigms and functionalities
- \* Developing a social, music-sharing/discovery app with a team of 3 iOS developers.