# ANNIE TANG

annietang@berkeley.edu • 510.579.6706 • 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.
* Working to improve course infrastructure/software
* Guest lectured SQL Aggregation and Python fundamentals.

**INFINERA**
INTERNSHIP
Summer 2016

### SOFTWARE ENGINEER 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

* Designed the UI for a high-fidelity mobile app prototype using Adobe Experience, after conducting extensive UX research (market analysis, scenario mapping, etc.)
* Was awarded one of the best prototypes by Berkeley Innovation, and presented my work at the annual showcase/gallery.

**SWIFT 3.0**
FULL STACK
Fall 2017

### MDB SOCIALS | 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.
* Reinforced semantics of Model-View-Controller

**JAVA**
BACKEND
Spring 2017

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

* Created a database structure for a SQL-like, declarative language.
* Supported database queries (i.e. natural inner joins, filtering clauses, and arithmetic/NAN/NoValue computations) for parsed in text, table files.

## 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 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
* Will be coding the backend of the BEARWALKS app, a previous, personal UI/UX project.