

ANNIE TANG

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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 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

- * 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.
- * 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 music-sharing/discovery app that will be launched on the app store in a month.

