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   * EE16A: Designing Information Systems
* CS70: Discrete Math & Probability   * Data100: Techniques of Data Science
* CS61C: Machine Structures   * 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 process for the Finance department to increase workflow efficiency

PROJECTS

ADOBE CC

FRONTEND

Spring 2017

BEARWALKS | tinyurl.com/bearwalks

* Designed a mobile app interface to improve the safety for UC Berkeley students
* Iterated through the product design cycle, and implemented features post-feedback

SWIFT 3.0

FULL STACK

Fall 2017

TRIVIA, mobile app | tinyurl.com/trivia-app

* Implemented a trivia game mobile app about members in my club.
* Used xcode and programmatically coded each element and segue for the app.

JAVA

BACKEND

Spring 2017

RELATIONAL DATABASE MANAGEMENT SYSTEM

* 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 between the student body, engineering department, and the Office of Adnan Hemani.
* Leading and organizing all teams and interns within the Engineering department.
* Increasing engagement of the student body with departmental issues and affairs.

UC BERKELEY

CS Club

Fall 2017 – present

IOS MOBILE DEVELOPER, mobile developers of berkeley

* Going through an intensive training bootcamp to learn ios app development.
* Will eventually be implementing the backend of the BEARWALKS app, one of my previous UI/UX side project.