BRANDON DAVID

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https://brandonhudavid.github.io
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EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY

B.S. Electrical Engineering & Computer Science
Expected Graduation - Spring 2021
Technical GPA: 3.54

RELEVANT COURSEWORK
[current] CS160 - *UI Design & Dev* (Android Studio)
[current] CS61C - *Computer Architecture* (C)
[current] CS70 - *Discrete Math & Probability*
CS61B - *Data Structures* (Java)
CS198-001 - *iOS Development* (Swift)
CS61A - *Computer Programs* (Python, SQL, Scheme)
DESINV198 - Graphic Design Principles (PSD, AI)
EE16A/B - *Linear Algebra, Circuits, Systems*
MATH53 - *Multivariable Calculus*

SKILLS

COMPUTER SCIENCE

- Python, Java, SQL, MongoDB, C, Scheme

DESIGN & DEVELOPMENT

- Swift, Android Studio, HTML, CSS, JavaScript, NodeJS, Sketch

ADOBE CREATIVE CLOUD

- Photoshop, Illustrator, XD, Premiere Pro, InDesign, After Effects

AWARDS

BEST DESIGN
SPRING 2018
iOS DECAL SPRING SHOWCASE

- Best iOS mobile app design out of 37 undergraduate teams.

1ST PLACE
SPRING 2017
WHS PTSA BROCHURE DESIGN CONTEST

- Designed official Whitney High School tri-fold brochure distributed to international visitors.
- Best brochure from class of 161 students.

HONORABLE MENTION
SUMMER 2016
UCLA SUMMER RESEARCH PROGRAM

- Recognized for civil engineering graduate research in program of 50 participants.

EXPERIENCE

iOS DEVELOPER
AUGUST 2018 - PRESENT
MOBILE DEVELOPERS OF BERKELEY

- Developing iOS applications under UC Berkeley's pre-incubator for mobile apps.
- Undergoing intensive training program to improve Swift development skills.
- Contributing to ideation, product design, and app development.

STUDENT INSTRUCTOR
MAY 2018 - PRESENT
UI/UX DESIGN CONSULTANT
SEPTEMBER 2017 - MAY 2018
INNOVATIVE DESIGN

- Leads weekly Introduction to Adobe Photoshop and Illustrator class of 30 students.
- Created logos, publications, web designs, prototypes for UC Berkeley's premier creative agency.

RESEARCH ENGINEER INTERN
JUNE 2018 - AUGUST 2018
HERE TECHNOLOGIES

- Developed visualization tools utilized by PhD computer vision researchers and autonomous vehicles.
- Refactored Python codebase to optimize algorithm performance.
- Ideated, designed, developed iOS app concept utilizing company SDK to help users safely travel from start to destination.

ACADEMIC INTERN
JANUARY 2018 - MAY 2018
UC BERKELEY COMPUTER SCIENCE

- Assisted UC Berkeley computer science students in introductory computer science course using Python, Scheme, SQL.
- Facilitated lab sections and office hours with graduate student instructors.

PROJECTS

BIOXPLOR
MARCH 2018 - AUGUST 2018

- Created high-fidelity website mockups for Life Science Discovery Research platform using Sketch.
- Designed interface that utilizes machine learning algorithms.

HABBIT
MARCH 2018 - MAY 2018
https://github.com/brandonhudavid/ios-custom-app

- iOS mobile app that allows users to set and fulfill goals by tracking how often they perform healthy habits.
- Uses Firebase to store user habits and preferences.

HIRA
MARCH 2018 - APRIL 2018
https://devpost.com/software/hira

- Created at LA Hacks 2018.
- Web application that uses Web Speech API to convert audible lectures into editable text notes.
- Developed backend server for storing notes and user settings.