# RITIK BATRA

## CONTACT

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in RITIKBATRA

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## PROFILE

I am currently an undergraduate student with a drive to take risks, fail, ask questions, succeed, and repeat. With that mindset, my ambition is to create innovative products that positively impact the world. I am currently most interested in design and front-end.

## SKILLS

**SKILLED IN:**
JAVA
SWIFT
PYTHON
HTML/CSS
OBJECTIVE C

**EXPERIENCE WITH:**
REACT JS
JAVASCRIPT
ADOBE SUITE
SQL

## HOBBIES

DANCE
ANIMATION
TRAVEL
DESIGN
WRITING

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# EDUCATION

**UNIVERSITY OF CALIFORNIA, BERKELEY**
BS, ELECTRICAL ENGINEERING AND COMPUTER SCIENCES
CLASS OF 2021
GPA: 3.392

*Relevant Coursework*

- CS61A: Structure of Computer Programs
- CS61B: Data Structures
- CS198: iOS Development
- EE16A/B: Designing Information Systems
- CS61C: Computer Architecture

# EMPLOYMENT

### SOFTWARE DEVELOPER INTERN
RALLY HEALTH | MAY 2019 – AUG 2019

- Designed/developed **WatchOS** companion for iOS app with **1M+ users**
- Tested iOS app through **Appium automation tests in Java**
- Improved app functionality within Mobile Operations team by adding employer rewards features and fixing existing UI bugs in **Swift**

### PROJECT MANAGER
VENTURE STRATEGY SOLUTIONS | OCT 2018 – CURRENT

- Redesigned organization website using **Javascript**: *https://berkeleyvss.com*
- Developed a **tool valued at $10,000 using Python** to filter for compatible mobile app games for **N3twork**, a new type of mobile games creator/publisher
- Provided **product launch recommendations for Driver**, a start-up that revolutionizes accessibility to cancer treatments worldwide

### JUNIOR INSTRUCTOR
BLUESTAMP ENGINEERING | JUN 2018 – JUL 2018

- **Mentored 50+ high school students** to prototype technical projects
- Developed company website using Wordpress to improve student project showcasing: *https://bluestampengineering.com*

# PROJECTS

### NO ADDICTION
JUL 2019 – PRESENT

- Designing and developing an **iOS App to send predictive push notifications** to users to help them combat addictions

### ICLASS
MAR 2019 – MAY 2019

- Created an **iOS attendance app** tracking student attendance based on their location in relation to the professor's using **Firebase**
- Selected as the **top 5 out of 30+ teams** to present to CS Faculty members

### SMARTSHOE
JUN 2017 – SEPT 2017

- Prototyped an **Arduino-powered shoe** that tracks heart rate and navigates the user through vibrational motors
- Analyzed data from sensor modules using an **iOS app with BLE libraries**

# AWARDS

**REGENTS' AND CHANCELLOR'S SCHOLARSHIP**
FEB 2018
Awarded highest honor to top <1% of prospective students at UC Berkeley

**CALHACKS 5.0 FIRST PLACE PAYPAL WINNER**
NOV 2018
Developed a messaging bot called EasyPay that uses natural language processing to charge Venmo accounts from group texts