RITIK BATRA

ritikbatra@berkeley.edu ritikbatra.com 408-893-9075 San Jose, CA 95129
ritikbatra rbatra2000

EDUCATION

University of California, Berkeley Aug. 2018 to Present
B.S. Electrical Engineering & Computer Sciences 2021
Relevant Coursework: CS 61A (Structure and Interpretation of Computer Programs), EE 16A (Designing Information Devices and Systems I), and Physics 7B (Physics for Scientists and Engineers)

Lynbrook High School, San Jose, CA Aug. 2014 to June 2018
GPA: 4.0
Relevant Coursework: AP Computer Science A, AP Calculus BC, AP Physics C: Mechanics, Multivariate Calculus, and French (Up to AP)

EMPLOYMENT

Driver, Inc San Francisco, California
Strategy Consulting Sept. 2018 to Present

- Assessed Driver, a start-up company that revolutionizes accessibility to cancer treatments in the US and China (https://driver.xyz/)
- Analyzed China's market and competitors to provide clear recommendations for Driver's product release and market entry
- Researched the hospital system and cancer patient journey in China to discover how Driver can successfully provide cancer treatments

BlueStamp Engineering Palo Alto, California
Junior Instructor June 2018 to July 2018

- Taught high school students valuable electrical engineering and computer science skills to create unique prototypes, such as 3D printed robotic hands and CNC plotters
- Managed students' webpages to encourage professional documentation (http://bit.ly/bsestudents)

Math Enrichment Saratoga, California
Algebra 2/Trigonometry Teacher Aide June 2016 to July 2016

- Taught middle and high school students Pre-Algebra and Algebra 2/Trigonometry in an accelerated program

PROJECTS

WiseTech Oct. 2015 to Apr. 2018

- Founded WiseTech, a start-up company, with a flagship product, SmartSock that solves problems such as sexual violence and cardiovascular diseases (http://bit.ly/smartsock)
- Designed the SmartSock to operate quickly and attend the problems in the wearable technology industry
- Awarded 3rd place in California DECA for the Entrepreneurship Start-Up Business Plan Event

SmartShoe June 2017 to Sept. 2017

- Prototyped an Arduino-powered shoe that tracks heart rate and location and navigates the user through vibrational motors (http://bit.ly/bsesmartshoe)
- Relayed data from sensors to an Arduino to an iPhone application using Bluetooth

AWARDS

First Place Winner (CalHacks), PayPal Nov. 2018

- Developed a messaging bot called EasyPay that uses natural language and text processing to charge people's Venmo accounts directly from group texts (http://bit.ly/easypay18)

Regents' and Chancellor's Scholarship, UC Berkeley Feb. 2018

- Awarded highest honor offered to top <1% of prospective undergraduates at UC Berkeley

Second Place Winner (CruzHacks), Project YX Jan. 2018

- Developed front-end using Swift for iOS app, Icon, a crowd-sourced fashion app that allows users to build a virtual closet with nearby outfits that appeal to user (http://bit.ly/yxicon)

Business Financial Plan Top 14 Team Nationally, Future Business Leaders of America June 2017

- Created a financial business plan for an ocean-themed family entertainment center on a team of 3 (http://bit.ly/ohanakai)

ACTIVITIES

Dance June 2014 to Present

- Performed on Berkeley's premier all-male Bollywood/Hip Hop dance team, Zahanat
- Lead 50 students on the male's dance for the class of 2018 (http://bit.ly/malesdance)
- Founded of JUMP Dance Club with over 50 members who reduce students' stress and encourage self-expression (http://bit.ly/jumppage)

Student Government, Elected Vice President Apr. 2017 to June 2018

- Managed a budget of $40,000 to organize events such as Senior Prom in a team of 5
- Fostered class community by creating new events to encourage class bonding
- Improved class website by driving revenue from advertisements and enforcing updates to maintain transparency (www.lynbrook2018.com)

SKILLS

ENGINEERING: Java, Python, Arduino, HTML/CSS, Swift, Javascript
BUSINESS: Competitive Analysis, Product Development, Marketing Strategies, Finances, Accounting