

# RITIK BATRA

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## 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](http://www.lynbrook2018.com))

## SKILLS

**ENGINEERING:** Java, Python, Arduino, HTML/CSS, Swift, Javascript

**BUSINESS:** Competitive Analysis, Product Development, Marketing Strategies, Finances, Accounting