

# Anushree Agrawal

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## EDUCATION

### YALE UNIVERSITY

BS, COMPUTER SCIENCE AND HUMANITIES

2015-2019 | New Haven, CT  
GPA: 3.80

### TEXAS ACADEMY OF MATH AND SCIENCE

2013-2015 | Denton, TX  
ACT: 36; National Merit Finalist

## LINKS

Github:// [anushree-agrawal](#)  
LinkedIn:// [anushreeagrawal1](#)

## COURSEWORK

Systems Programming, Computer Organization  
Natural Language Processing  
Machine Learning for Biological Data  
Mathematical Tools for CS  
Data Structures  
Design and Analysis of Algorithms  
Linear Algebra  
Operating Systems  
Start-up Founder Studies

## SKILLS

### PROGRAMMING

Experienced  
Python • Shell • Java • Android • C  
Comfortable  
HTML/CSS • Javascript • Racket  
MATLAB • MySQL

### LANGUAGES

English • Hindi

## ORGANIZATIONS

### YHACK

HEAD OF SPONSORSHIP  
September 2015-Present

- Organized Yale's international 36-hour hackathon - 1200 participating students and 35+ companies
- Directed sponsorship team of 12 students, raised over \$300,000.
- Created, presented Beginners Workshop on Visualizing Mobile Health Data at 2016 Yale Tech Summit

## EXPERIENCE

### STRIPE | SOFTWARE ENGINEERING INTERN

May 2018 | San Francisco, CA

### CS50 + CS112 (INTRO CS) | HEAD TEACHING ASSISTANT

April 2016-Present | New Haven, CT

- Led weekly, 90-minute section for 18 students, graded problem sets, offered support at office hours, taught 200 person lecture for CS112.
- Head Teaching Assistant for CS50, led staff of 50+ in developing pedagogy, creating staff community, directing the future of Yale CS.

### MANGO HEALTH | KPCB FELLOW + SOFTWARE ENGINEERING INTERN

May 2017-August 2017 | San Francisco, CA

- Backend engineering - wrote and reviewed code in Python for Django app server, automated creating debug accounts, configured Chef, AWS.
- Migrated live support center - full data migration in Python using APIs (**open sourced**), designed, implemented help center experiences in iOS, Android, web/email.
- Chosen as KPCB Fellow ( 2% acceptance), attended talks by KPCB partners and portfolio company founders.

### GOOGLE | ENGINEERING PRACTICUM INTERN

May 2016-August 2016 | Seattle, WA

- Implemented new features in Java for Google Maps Mobile for Android, focused on driving and navigation.
- Used Google technologies in Maps codebase to create Android UI elements.
- Worked with UX, PM teams to iterate on requirements and define feature.

### INTEL CORPORATION | INTERNET OF THINGS INTERN

May 2015-August 2015 | Santa Clara, CA

- Documented, developed with Intel Edison board, led technical market research on smart health care devices.

## RESEARCH

### UNT BIOINFORMATICS LAB | RESEARCH ASSISTANT

Aug 2013 - May 2015 | Denton, TX

- Created Java3D computational and visualization software to analyze regions of genomic similarities between 3 or more genomes to increase maize crop yield.

### MD ANDERSON CANCER CENTER | GENETICS RESEARCH ASSISTANT

May 2013 - August 2014 | Houston, TX

- Characterized novel breast cancer allele in mice by testing mutated protein (p53), presented at competitions.

## AWARDS

- 2017 KPCB Engineering Fellow - 50/2500+
- 2017 Bloomberg, Yale Grace Hopper Scholarship Recipient
- 2015 Honorable Mention, Barry M. Goldwater Research Scholarship
- 2014 National Runner-Up, National Center for Women & Info. Tech (NCWIT)

## PROJECTS

### VIRTUAL PARENT

Capital One Hackathon

### TEACHHER

CHIMEHACK 4 - Facebook HQ