

# ANIRUTH KASTHURI

SOFTWARE DEVELOPER

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## ABOUT ME



## EDUCATION

**University of California,  
Berkeley**

B.S. in Electrical and  
Computer Engineering

Class of 2021

## SKILLS

Java, Python, HTML, CSS,  
Unix, LaTeX, Scheme, SQL,  
Tableau, JavaScript, Github

## COURSES

- Structure and Interpretation of Computer Programs
- Designing Information Devices and Systems I
- Social Implications of Computing
- Data Structures
- The Foundations of Data Science
- Discrete Mathematics and Probability Theory
- Computer Architecture
- Efficient Algorithms and Intractable Problems
- Principles of Techniques of Data Science



## EXPERIENCE

### **Institute of Electrical and Electronics Engineering**

*Application Developer - Greater New York City Area - Summer 2018*

Updated a program that parses through a SQL table to produce SQL queries.  
Used Java.

### **The University of Texas Southwestern Medical Center**

*Research Intern - Dallas, TX - Summer 2016*

Analyzed the gene expression of miR-17~92, PKD1, PKD2, and DICER1 using the mouse kidney cell line for polycystic kidney disease.

### **Rumbaugh-Goodwin Institute for Cancer Research**

*Research Intern - Fort Lauderdale, FL - Summer 2016*

Analyzed the expression in prostate cancer cells (LNCaP-MST) that are over-expressing the Murine Double Minute 2 gene.

### **Dallas Ear Institute**

*Shadower - Dallas, TX - Spring 2016*

Shadowed Dr. Brian Peters and Dr. Yoav Hahn during the surgery and office visits.  
Viewed tympanoplasty, ear tubes, and tinnitus surgeries.

### **Teen Leadership Coppell**

*Leadership Team Member - Coppell, TX - Fall 2015/Spring 2016*

Worked with Top County, Local City Officials, and Business Leaders and discussed various administrative tasks



## AWARDS

US President's Volunteer Service Gold Award (2x)

United States Congressional Special Recognition Certificate for Leadership

The Senate of Texas Certificate for Leadership

Dallas County Certificate of Leadership

Texas House of Representatives Certificate for Leadership and Service

Eagle Scout



## LEADERSHIP/VOLUNTEER/HOBBIES

- Assistant Senior Patrol Leader & Troop Guide, Boy Scouts of America (2012/16)
- Hanmadang Instructor, National Taekwondo Instructor(2015)
- Two Time Dallas Half-Marathon Runner
- Taekwondo 3rd Degree Black belt
- Avid Stock Trader w/h Personal Algorithms
- Volunteer, Perot Museum of Nature and Science (2015)
- President, Basics of Stock Investing Club (2016/17)
- Volunteer, Texas Scottish Rite Hospital for Children (2014/15)
- Amateur Guitar Player

