

Anushree Agrawal

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EDUCATION

YALE UNIVERSITY

BS IN COMPUTER SCIENCE

2015-2019 | New Haven, CT

GPA: 3.84

TEXAS ACADEMY OF MATH AND SCIENCE (TAMS)

College honors courses at the University of North Texas in place of 11th and 12th grade

2013-2015 | Denton, TX

ACT: 36; National Merit Finalist

LINKS

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

LinkedIn:// [anushreeagrawal1](#)

COURSEWORK

Data Structures

Introduction to Computer Science

Physical Chemistry

Computational Epidemiology

Survey of Data Structures

Multivariable Calculus

AP Computer Science

Mechanics, Electricity and Magnetism

Organic Chemistry

SKILLS

PROGRAMMING

Java • C • Java3D • Racket

HTML/CSS • Javascript • PHP • \LaTeX

OTHER

Microsoft Office • Windows • Mac OSX

UNIX

LANGUAGES

English • Hindi

PROJECTS

3D GENOME BROWSER

UNT Bioinformatics Lab

First Java3D-based multi-genome visualization software for biologists; modeled after previous efforts with 2D modeling of 3 genomes

EXPERIENCE

GOOGLE | ENGINEERING PRACTICUM INTERN

May 2016-Present | Seattle, WA

- Google Maps Mobile (Android) team.

CS50 | TEACHING ASSISTANT

April 2016-Present | New Haven, CT

- Led a weekly, 90-minute section for students, graded problem sets and offered support at office hours at Yale.

INTEL CORPORATION | INTERNET OF THINGS INTERN

May 2015-August 2015 | Santa Clara, CA

- Documented Intel Edison board, and led technical market research on smart health care devices.
- Planned end-of-summer Intern-Executive networking event, with 30+ executives and 100 interns, to let interns learn about various groups in the company

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 2014 - August 2014 | Houston, TX

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

AWARDS

2015 Honorable Mention, Barry M. Goldwater Research Scholarship

2015 Semifinalist, US Presidential Scholars

2014 National Runner-Up, National Center for Women & Info. Tech (NCWIT)

2014 University of North Texas President's Research Award

ORGANIZATIONS

YHACK | ORGANIZING TEAM MEMBER

September 2015-Present

- Organized Yale's international 36-hour hackathon for 1500 participating students and 50+ companies

YALE HINDU STUDENTS COUNCIL | TREASURER/BOARD MEMBER

September 2015-Present

- Held weekly services and organized large-scale events (Diwali, Holi) for students of all faiths

YALE FLOAT (WOMEN IN COMPUTER SCIENCE) | EVENTS CHAIR

December 2015-Present

- Held events for Computer Science department focused on diversity and coordinated travel and teams for members to conferences and hackathons (Grace Hopper, WeCode)