

# Aditya Saravanan

*Seeking opportunities in computer science & mathematics*

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Location: Berkeley, CA

## Education

### University of California, Berkeley

GPA: 4.00

Programs: B.A. Computer Science, B.A. Mathematics, Minor Anthropology

Relevant Coursework: CS 61A (Structure and Interpretation of Computer Programs), CS 61B (Data Structures), Math 53 (Multivariable Calculus), EECS 16A (Designing Information Devices and Systems I), EECS 16B (Designing Information Devices and Systems II)

August 2019 - Current

Berkeley, CA

### Crescenta Valley High School

GPA: 4.5, SAT I: 1540, SAT II: 800 Math, 800 Chemistry, 790 Physics

Sept. 2015 - June 2019

La Crescenta, CA

## Experience

### EECS Departmental Staff

Lab intern for the undergraduate course CS 61A.

Current

Berkeley, CA

### Ross Mathematics Program

Selective six-week residential program. Experienced one week of a homestay, then five weeks at an international university learning number theory. Focus was on self-discovery of concepts through challenging, daily problem sets.

June 2018 - July 2018

Nanjing, China  
Huangshan, China

### COSMOS

Selective four-week residential program at UCI. Learned the basics of quantum mechanics in the cluster titled "Big Bang and the Subatomic World". Created and presented a research project named "Constraints on Quantum Gravity Theories from Observations of Gamma-Ray Bursts".

June 2017 - July 2017

Irvine, California

## Projects & Languages

Languages: Python, SQL, Scheme, Java, HTML, CSS, JavaScript

### Pathfinder

Made using Python. A program that finds and visualizes the shortest path between two points on a maze-like grid. Uses breadth-first-search, depth-first-search, Dijkstra's algorithm, and the A\* algorithm.

### My Website

Made using HTML, CSS, and JavaScript, along with the GreenSock Animation Platform (GSAP).

## Awards & Activities

### CIF Division II Tennis Quarterfinalist

Reached CIF SoCal DII quarterfinals as the captain of Crescenta Valley High School's tennis team.

August 2016 - May 2019

### AATG National German Exam Medalist

Two-time gold, one-time silver, and one-time bronze medal winner over a four-year period.

August 2016 - May 2019

### National Merit Honorable Mention

Awarded for a score of 1490/1520 on the PSAT.

November 2018