

# Andrew Mitchell

Hardworking and innovative undergraduate student seeking employment in areas of computer science and engineering.

10184 Sunn Ave  
Fountain Valley, CA 92708  
(714) 357-1663  
[andrew.j.mitchell.247@gmail.com](mailto:andrew.j.mitchell.247@gmail.com)

## EDUCATION

### University of Notre Dame, Notre Dame, IN

August 2021 - May 2025

- Bachelor of Science in Computer Engineering (In Progress)
- Current GPA: 3.81

### Mater Dei High School, Santa Ana, CA

August 2017 - May 2021

- Diploma summa cum laude
- Cumulative GPA : 4.72 Weighted
- 35 ACT Score & 1500 SAT Score

## EXPERIENCE

### Self-Employed— High School and Middle School Tutor

March 2018 - May 2021

Created and implemented lesson plans for middle school and high school students in various subjects on a regular basis, teaching challenging topics and reinforcing what was learned in the classroom in one-on-one tutoring sessions.

### CS4Good— Project Member

January 2022 - Present

Worked with my team to create a website for the club. Learned web development with HTML, CSS, and JavaScript along with teamwork skills and GitHub.

## PROJECTS

### Project Horizon— Lead Front-End Developer

A web-app created with Python and Flask that aims to encourage homeowners to switch to renewable energy by providing a free consultation on the benefits of going solar in their local area.

**Capture the Flag**— A 2D game created using Unity and C#, involved graphic design, UI, scripting, and developed into both a PC and mobile app. (Demo can be found on my website.)

**Sudoku Solver**— A Python project that solves Sudoku puzzles using a backtracking algorithm and recursion.

## PROGRAMMING SKILLS

- Git/GitHub
- Unity/C#
- Python/Flask
- HTML & CSS
- C
- Java
- Linux
- JavaScript/React/Node.JS

## OTHER SKILLS

Microsoft Word, Excel, PowerPoint

## AWARDS

- National Merit Commended Scholar
- AP Scholar with Distinction
- California Scholarship Federation Sealbearer Status

## INTERESTS

**Building/Flying FPV Drones** - Researched how to build a First Person View racing drone, built my own quadcopter, taught myself basic electronic systems and soldering

**Choir** - Performed since 5th grade in many prestigious choral groups and held various leadership positions

**Cubing** - Participated in competitive Rubik's cube solving, ranking at one point in the top 300 in the country in one event, and achieving a personal record of a sub-10 second solve

## LINKS

Personal Website :

<https://andrewmitchell25.github.io>