

# 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  
amitch27@nd.edu

## EDUCATION

### University of Notre Dame — *Bachelor of Science*

AUGUST 2021 - PRESENT

- Majoring in Computer Engineering
- Current GPA: 3.81

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

AUGUST 2017 - MAY 2021

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

## EXPERIENCE

### Self-Employed — *Personal 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 — *Volunteer Project Member*

JANUARY 2022 - MAY 2022

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.

### Fountain Bowl — *Customer Service Associate*

JULY 2022 - AUGUST 2022

Worked customer service at a bowling alley, helping solve customer problems, serving food, and providing a clean and healthy environment.

## PROJECTS

### Project Horizon — *Lead Front End Developer*

A web-app created during a Hackathon 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.

## SKILLS

- Git/Github
- Python
- C/C++
- HTML & CSS
- JavaScript/React/Node
- Linux
- Unity
- Microsoft Office Suite

## 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 with and held leadership positions in many prestigious choral groups throughout middle school, high school, and college.

### 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>