Andrew Mitchell

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

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EDUCATION

University of Notre Dame, Notre Dame, IN

August 2021 - May 2025

- Bachelor of Science in Computer Engineering (In Progress)
- Current GPA: 3.67

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

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