Andrew Mitchell

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

EDUCATION

University of Notre Dame — *Bachelor of Science*
AUGUST 2021 - MAY 2025

- Majoring in Computer Engineering
- Current GPA: 3.87
- Dean's List since Spring 2022

Mater Dei High School — 4.72 WGPA, 35 ACT, 1500 SAT

EXPERIENCE

Engineering & Science Computing at ND — *Computer Consultant*
AUGUST 2022 - PRESENT
Process and image new laptops and desktops, set-up and deliver computers to staff, and assist faculty with troubleshooting IT problems.

Fountain Bowl — *Customer Service Associate*
JULY 2022 - AUGUST 2022
Worked customer service at a bowling alley, solved customer problems, served food, and provided a clean and healthy environment.

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.

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.

PROJECTS

Project Horizon — *Lead Front End Developer*
A web-app prototype created with Python and Flask during a Hackathon that aims to encourage homeowners to switch to renewable energy by providing a free consultation on the benefits of going solar in their 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
- Python
- C/C++
- JavaScript/React/Next.js
- HTML & CSS
- Git/Github
- Linux
- Unity
- Microsoft Office Suite

COURSES
- Data Structures (Python)
- Fundamentals of Computing (C)
- Engineering Computing (Python/Matlab)
- Discrete Mathematics
- Linear Algebra & Differential Equations
- Calculus I, II, & III
- Physics I & II

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 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
Portfolio Website:
https://andrewmitchell25.github.io