

Address Available On Request
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Zachary C. Brandon - Technical Resume

Education:

Computer Science Sophomore at Taylor University (2024 graduation)
Homeschooled, Bowie, Maryland (2020 graduation)

Projects:

- I developed my own personal website from scratch using HTML, JavaScript, CSS, and PHP. It is fully functional, fully responsive, and utilizes working contact forms with mailing functionality and is publicly available on the internet.
- One semester-long advanced project developing mobile wireframes and product design for a startup company at Taylor University.
- Spent 4 months developing a mobile product (3 Prototypes, user test, pitched investment) to aide college students with time management.
- Dynamic Weather Web Application (Utilizing API calls and web design)
- Created a working stock trading bot to automatically trade shares on the real stockmarket using the robinhood.com brokerage public API
- Checkers Simulation Artificial Intelligence (Python)
- Infection Simulator (C++)
- Flocking Simulation

Work Experience:

- Computer Aide, Department of Defense (2019 High school internship)
- Malware Research Team, Taylor University (On behalf of Lockheed Martin)
- Counselor, weeklong church mission trip (2 trips)
- Planning and instructor staff, Boy Scout leader training courses (9 courses)

Languages/Proficiency skills:

- Python (Advanced skill level)
- C++ (Intermediate)
- HTML (Intermediate)
- Figma (Intermediate)
- CSS (Intermediate)
- Javascript (Intermediate)
- Powershell (Intermediate)
- PHP (Beginner)
- REACT.js (Beginner)
- Personal Computer Hardware assembly (Beginner)

Relevant Courses:

- Interactive Web Design and Development (JavaScript, HTML, CSS)
- Computational Problem Solving (Python 3)
- Foundations of Computer Science (C++)
- Systems and Computing (Databases)
- Java Programming (Processing Library)
- Calculus
- Applied Engineering (High school)

Accomplishments/Awards:

- First Place in Division - Taylor University Code Competition
- Winning Battleship AI Algorithm in class Competition
- Best AI - Taylor University GameJam