

Will Altman

Software Engineer | willaltman.tech

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EDUCATION

The Ohio State University, Columbus Ohio — BS Computer Science and Engineering

Expected Graduation: May 2023, currently sophomore status.

Cumulative GPA (4.0 scale): 3.677

Relevant Coursework (through SP 2021): Introduction to programming in Java, Introduction to programming in C++, Software Components, Software Development and Design, Discrete Structures, Introduction to Low-Level Programming and Computer Organization, Linear Algebra, Calculus 1, Calculus 2, Calculus 3

RELEVANT WORK EXPERIENCE

The Ohio State University — *Software Components Teaching Assistant*

August 2020 - PRESENT

- Enhanced learning during lab periods and in office hours by guiding students through challenging projects and assignments.
- Debugged code with students collaboratively to quickly find logic errors.
- Evaluated the style, efficiency, readability, and output accuracy of student programs while identifying common errors across the class.

TECHNICAL QUALIFICATIONS

Languages: Java, C++, C, MatLab, HTML, CSS

Software: Comfortable programming in a Linux command line environment and using github. Advanced software troubleshooting skills.

Hardware: Basic knowledge of computer architecture, assembly, overclocking, and troubleshooting.

PROJECTS

Word Cloud Generator: Developed a word cloud generator using data structures and object oriented design principles to quickly and efficiently sort through novel-length texts, then print the most frequent words to a stylized web page alphabetically with words resized depending on their number of occurrences.

Personal Website: Self taught HTML and CSS programmer with basic JavaScript knowledge. Implemented custom JavaScript and CSS features. Employed advanced design principles to ensure compatibility on mobile devices.

ACTIVITIES

The Ohio State University Marching Band

August 2019 - PRESENT

The OSUMB demands 30 hours weekly on average. The band develops leadership, work ethic, punctuality, and teamwork skills in a rewarding yet challenging, fast paced, and high pressure environment.

AWARDS

Dean's List at The Ohio State University (AU 2019, SP 2020,

AU 2021). Awarded to students who earned a 3.5 or higher in any given semester.

Graduated Cum Laude from Walnut Hills High School (SP 2019).

Awarded to teacher nominated students who excelled in their coursework and extracurriculars.

AP Scholar With Distinction (SP

2018, SP 2019). Granted to students who receive an average score of at least 3.5 (5 point scale) on all AP Exams taken, and scores of 3 or higher on five or more of these exams. Completed and passed 9 AP Exams in total with an average score of 4.1 per exam.

REFERENCES

Available upon request

