

# Will Altman

Software Engineer | [willaltman.tech](http://willaltman.tech)

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## EDUCATION

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

**Expected Graduation:** May 2023 (Junior 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, Data 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

- Used teaching skills to enhance group learning during lab periods and in office hours by guiding students through challenging projects and assignments.
- Utilized strong communication and troubleshooting skills to quickly and collaboratively debug student code.
- Evaluated the style, efficiency, readability, and output accuracy of student programs with strong attention to detail.

## TECHNICAL QUALIFICATIONS

**Languages and Software:** Java, C++, C, HTML, CSS, MatLab, SolidWorks

- Experienced with object oriented programming techniques and data structures.
- Able to apply advanced problem solving skills to build, test, break, and fix programs.
- Comfortable with Eclipse, vi, VsCode, Linux, and have experience with Git and SVN.

## 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:** Strong self-motivation and passion enabled self-taught HTML, CSS, and JavaScript skills to flourish while developing custom elements for a personalized, mobile responsive webpage from scratch without any prior web development experience.

## ACTIVITIES

**The Ohio State University Marching Band**

August 2019 - PRESENT

Demands 30 hours weekly on average during the fall semester. The band develops strong leadership skills, a strong work ethic, attention to detail, and teamwork skills in a rewarding yet challenging results-oriented 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.

**Member of the Cum Laude Society (SP 2019).** Awarded to select teacher-nominated individuals within the top 20% of their graduating class who have taken and excelled in rigorous college preparatory curriculum during high school.

**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