

GWENAEELLE WATTENMAKER

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Education

Dartmouth College , Hanover, NH <i>Bachelor of Arts, Major in Computer Science</i>	June 2023 GPA: 3.67/4.0
Relevant Coursework: Problem Solving via Object-Oriented Programming, Discrete Mathematics in Computer Science, Algorithms, Data Mining and Knowledge Discovery	
Sugar Bowl Academy , Norden, CA Honors/Awards: Student-Athlete of the Year, Coaches Heart Award	June 2019 GPA: 3.93/4.0

Technical Competencies and Relevant School Projects

Programming: Python, Java

Longest Word Pyramids Winter 2021

- Wrote code to solve the problem of finding as many longest word pyramids as possible and efficiently in a given dictionary
- My original algorithm did not terminate given a large input, while my final solution terminated in seconds and returned a feasible answer

Predicting Stock Prices based on Reddit Chat Rooms Winter 2021

- Collaborated with a group to obtain data through web scraping, process text, classify, model, and predict whether a stock price would go up or down based on the sentiment in the Reddit post that mentioned said stock
- Predictions were 63% accurate, while the baseline classifier we used was just 52% accurate

Relevant Experience

Department of Computer Science , Dartmouth College	Sept. 2020 - Present
Teaching Assistant, Problem Solving via Object-Oriented Programming	
<ul style="list-style-type: none">• Worked with students one on one to resolve code errors and explain concepts• Graded and provided feedback on coursework and exams• Led recitation sessions with drill problems to guide students through problems related to coursework	

Leadership and Athletic Experience

Varsity Ski Team , Dartmouth College	Sept. 2019 - Present
<ul style="list-style-type: none">• Trained and competed 30 hours a week during season while balancing a full academic course load, Academic All American 2020, 2021	
Peak Performance Leadership Lab , Dartmouth College	March 2020 - Nov. 2020
<ul style="list-style-type: none">• Selected to participate in a course to collaborate with other student athletes from various teams to build leadership skills and problem solve common team environment issues	