

# GWENAELLE WATTENMAKER

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## Education

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

## 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

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

## Leadership and Athletic Experience

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<b>Varsity Ski Team</b> , Dartmouth College	<b>Sept. 2019 - Present</b>
<ul style="list-style-type: none"><li>• Trained and competed 30 hours a week during season while balancing a full academic course load, Academic All American 2020, 2021</li></ul>	
<b>Peak Performance Leadership Lab</b> , Dartmouth College	<b>March 2020 - Nov. 2020</b>
<ul style="list-style-type: none"><li>• 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</li></ul>	