

# Gwendolyn Goetz

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## EDUCATION

### Vanderbilt University

B.A. Musical Arts, B.S. Computer Science | Minor: Data Science, German Studies

Honor: Vanderbilt Academic Achievement Award 2023, Dean's List Fall 2023 and Spring 2024

Activities: Vanderbilt Chorale, Women in Computing, Voices for a Safer Tennessee

### The Woodlands High School

Honors: Magna Cum Lauda, Bauer High School Voice Winner

Activities: Future Business Leaders of America, National Honor Society

Nashville, TN

Expected May 2027

GPA: 3.97

The Woodlands, TX

GPA: 4.97 W

May 2023

## PROFESSIONAL EXPERIENCE

### Data Annotation Tech

Annotation Analyst

Remote

January 2024 - Present

- Accurately annotate large datasets according to project specifications, ensuring high-quality data for machine learning model training.
- Collaborate with team members to maintain consistency and accuracy in labeling tasks, adhering to project timelines and goals.
- Contribute to the improvement of annotation processes by providing feedback on tools, techniques, and guidelines, enhancing efficiency and effectiveness in data labeling workflows.

### Christ Church United Methodist

Scholarship Singer

The Woodlands, TX

October 2021 - Present

- Collaborated seamlessly with distinguished music directors to meticulously plan and execute highly successful concerts, showcasing a commitment to musical excellence.
- The multifaceted approach to musical leadership reflects a passion for music, dedication to collaboration, and an unwavering commitment to delivering outstanding performances.

### Houston Grand Opera

Bauer High School Voice Intern

Houston, TX

August 2022 - May 2023

- Discussed business workings of the opera house with program directors, gained insights into the strategic aspects of arts administration, and participated in behind-the-scenes operations, contributing to the execution of performances and events.
- Performed in and observed over 10 Master Classes and discussions featuring world-renowned vocalists and operatic maestros, enhancing skills and understanding of the industry.

## Personal Projects

### Singing Synthesizer 1.0

- Developed a program leveraging input note values and corresponding words to simulate vocal performances, effectively generating synthesized singing based on user-defined compositions and my own pre-recorded voice splices.
- Transcended traditional MIDI and Finale capabilities by incorporating phonetic rendering of words, enhancing musical expression and authenticity in vocal simulations.
- Plans to improve on this model by recreating it with more lifelike audio quality with Tarsos DSP and improved error handling

### The English Diction Source

- Comprehensive resource for singers to access reliable International Phonetic Alphabet (IPA) transcriptions tailored specifically to the style of lyric diction. This tool ensures that singers can accurately pronounce English lyrics
- Utilizes modern, accepted pronunciation standards outlined by the Oxford English Dictionary and The Lyric Diction Guide for Singers. This ensures that singers are learning pronunciations that are both current and widely recognized within the professional singing community.

## LEADERSHIP EXPERIENCE

### Blair School Segue

May 2024 - Present

- Acts as a mentor for freshmen, helping them transition into college by offering advice on academics, activities, and campus resources.
- Demonstrated strong leadership and communication skills by effectively coordinating with students, faculty, and staff to ensure a positive and inclusive environment.

### Future Business Leaders of America - Vice President

August 2020 - May 2022

- Served as the Vice President of the Future Business Leaders of America (FBLA) club in high school, showcasing leadership by spearheading initiatives and actively contributing to the club's success.
- Undertook the responsibility of making a compelling presentation on business ethics, highlighting a commitment to fostering ethical practices and principles among fellow FBLA members.

## SKILLS AND CERTIFICATES

**Skills**: Java, Swift, Python, HTML, CSS, JavaScript

**Relevant Courses**: Prog. Designing and Data Structures, Calculus I-II, Technology for Musicians, Programming and Problem Solving

**Languages/Certifications**: Certified in Microsoft Office Suite, TABC Certified