

# ELI GRIPENSTRAW

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## EDUCATION

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### Vanderbilt University

B.S. in Computer Science with Minors in Data Science and History

Nashville, TN

August 2023 – May 2027

- 3.82 GPA
- **Relevant Courses:** Program Design and Data Structures, Intermediate Software Design, Intro to Data Science.

## PROFESSIONAL EXPERIENCE

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### Vanderbilt University Medical Center

Computational Immunology Research Intern

Nashville, TN

May 2024 – Present

- Adapting a protein Large Language Model (LLM) to predict the fitness of Influenza variants in Python
- Utilizing domain adaptation and fine tuning techniques to accurately train the model on influenza variants
- Identifying and filtering data from various national databases in order to track individual Influenza variants

### Debate Drills

Instructor for [online debate service](#)

Remote

July 2024 – Present

- Lead online tutoring sessions with high school debate students
- Coach high school debate teams at in-person and virtual debate tournaments
- Research pressing international issues ranging from Turkey's involvement in NATO to blockchain development

### National Symposium for Debate

Summer Counselor

Bryn Mawr, PA

June 2024 – July 2024

- Led section of high school debaters through drills and mentorship over two two-week sessions
- Created curriculum instructing students on increasingly advanced strategies in debate
- Accepted a year-round coaching position at the completion of camp

### Jefferson's

Waiter

Brentwood, TN

May 2023 – August 2023

- Completed countless shifts to provide excellent customer service and respond actively to company objectives
- Coordinated and displayed communication skills in working with coworkers to handle large events and serving over forty tables

## LEADERSHIP AND EXTRACURRICULARS

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### Rem on Campus

Consultant

Nashville, TN

February 2024 – Present

- Advised nonprofit organization on market growth and student outreach
- Applied Excel knowledge to automate handling of organizational clients to enable greater utilization of studio space for [H.O.M.E.](#)
- Updated the website design for [A&M Marketplace](#), introducing a seamless approach to adding new products to the store's website

### Financial Modeling Club

Member

Nashville, TN

January 2024– Present

- Selected to join after multiple rounds of interviews in order to take an eight week intensive excel course
- Learned financial modeling in excel from experienced instructors through practice case studies

### Zeta Beta Tau Fraternity

Treasurer

Nashville, TN

December 2024-December 2025

- Manage \$250,000 budget, including cash flow management, dues collection, and vendor payments
- Serve on the executive committee responsible for leading fraternity meetings, sponsoring philanthropy, and organizing social events

## SKILLS

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**Programming Languages:** Java, Python, C++, SQL

**Tools:** Git, Excel, RStudio, Regression, Clustering, Machine Learning Fine-Tuning, Pandas, Financial Modeling

**Interests:** Green Bay Packers, Arrested Development, The Wire, Flatland Cavalry, Latin American History