

# Brigham Pettit

Texas A&M Honors CSCE

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## Education

**Texas A&M University** — May 2025

- Bachelor of Science in Computer Science; English minor; 4.0 GPA
- Languages: C++, Java, Python, Haskell (fluent); HTML, CSS, JavaScript (familiar)
- Editor in Chief and Head Staff Writer for undergrad literary journal, *The Eckleburg Project*
- Honors Student Council Member

## Computer Science

- Class Project — created accessible Web application for restaurant sales and management in a team of 4, integrated with 3 external APIs.
- Class Project — created Java application for restaurant sales and management in a team of 4.
- Hackathon — TAMUHack 2023: led a team in implementing Chess game using C++ and Python. Created intuitive file I/O protocol (because we didn't understand pipes at the time).
- Hackathon — Howdy Hack 2022: led a team in implementing Conway's Game of Life using Python: learned basic operations in Pygame library and used prior knowledge of NumPy.
- Personal project — created Python script to solve New York Times' "Wordle" Puzzle to streamline personal puzzling habit: learned techniques to extract data from webpages.
- Privately tutor students in early CS classes and Data Structures and Algorithms courses.

## Work Experience

**Amazon.com** — Fulfillment Associate (2021 – 2023)

- Boosted work quality, maintaining under 30,000 defects per million opportunities overall
- Drove industrial truck in warehouse; stowed, picked, moved, and shipped product: completing up to 1,000 correct operations per shift
- Recognized for outstanding rate and quality on several occasions; returned to work during each break between semesters

**Mathnasium** — Instructor (2019 – 2021)

- Taught 50+ students grade 1 – 12 in arithmetic, algebra, and geometry
- Tailored instruction to individual strengths of students; taught 100s of topics
- Communicated with parents and coworkers regarding student progress and curriculum; overall accelerated student learning by at least 50%

**Thai Square Sushi** — Driver/Dishwasher/Busser (2019 – 2021)

- Performed tasks in a small staff for best customer experience and food safety for over 1 year

## Awards

- Texas A&M Dean's Honor Roll for Fall 2021, Spring 2022, Fall 2022, Spring 2023 semesters
- National Merit Scholarship Recipient, 2021
- Earned Eagle Scout award, 2019