Brigham Pettit

College Station, TX

Senior, Texas A&M Honors CSCE

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EDUCATION

Texas A&M University, College Station, TX
Bachelor of Science in Computer Science, May 2025
Minor in English
GPA: 4.0

SKILLS

Languages:	C++, C#, Java, Ruby, Python, Go, HTML, CSS, JavaScript, TypeScript, Haskell
Frameworks:	Ruby on Rails, Angular, React
Collaboration:	Facilitated development using Agile philosophy and healthy Git hygiene

WORK

Frogslayer, College Station, TX
Junior Developer, March 2024 – Present
- Collaborated in an Agile team environment to develop and maintain an evolving Web application
- Designed, tested, and managed .NET applications for robust data flow between external APIs

Math Learning Center, Texas A&M University
Tutor, January 2024 – March 2024
- Assisted students in Calculus and related math topics

Private Tutoring
Tutor, 2022 – Present
- Instructed students in various topics, including intermediate Computer Science and high-level Math concepts

Amazon, Dallas, TX
Fulfillment Associate, July 2021 – August 2023
- Earned recognition for outstanding rate and quality on several occasions; returned to work between semesters

PROJECTS

Coursework
Computer Science Capstone, Spring 2025
- Developed nontrivial computing solution for a real-world client in a team of software developers.
Software Engineering, Fall 2024
- Product Owner: Developed Ruby on Rails web application for a real-world client in an Agile team.
Programming Studio, Fall 2023
- Created Java application for restaurant sales and management in a team of 4
- Built accessible Web application for restaurant sales and management in a team of 4

Research
Sketch Recognition Lab, Fall 2024, Spring 2025
- Developed novel system for emotion analysis using semantics-driven cognitive modeling
- Co-authored papers on anomaly detection and emotion prediction in physiological data with deep learning

Lingua Lab, Fall 2024
- Co-authored a paper on the nature of human insult behavior in different social contexts

Personal
Wordle Solver, 2022
- Wrote Python script to solve *New York Times'* "Wordle" puzzle to streamline personal puzzling habit
- Learned to extract data from webpages, learned efficient string comparison techniques

ACTIVITIES

The Eckleburg Project, Texas A&M University, October 2022 – Present
Editor in Chief, August 2023 – Present
Head Staff Writer, May 2023 – Present

Honors Student Council, August 2021 – Present

AWARDS

National Merit Scholarship Recipient, 2021
Texas A&M Dean's Honor Roll, Fall 2021, Spring 2022, Fall 2022, Spring 2023
Eagle Scout Award, 2019