Brigham Pettit

College Station, TX

Texas A&M Honors Computer Science, Class of 2025

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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:	Angular, React, Ruby on Rails
Collaboration:	Trained in Agile philosophy, stakeholder management, and Git hygiene
Tools:	Docker, Postman, RSpec (Unit Testing), GitHub Actions (CI/CD), GNU/Linux

WORK

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

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

Private Tutoring
Tutor, 2022 – 2024
- Instructed students in various topics, including intermediate Computer Science and high-level Math concepts

RESEARCH

Sketch Recognition Lab, Texas A&M University
Research Assistant, Fall 2024, Spring 2025
- Honors thesis: developed novel, ethical system for emotion analysis using semantics-driven cognitive modeling
- Co-authored 3 papers on anomaly detection and emotion prediction in physiological data using deep learning

Lingua Lab, Texas A&M University
Research Assistant, Fall 2024
- Co-authored and presented a paper on the nature of human insult behavior in different social contexts

PROJECTS

Coursework
IPELINT Computer Science Capstone, Spring 2025
- Developed an AI solution to predict United States Patent rejections with 95.1% accuracy
- Risk Manager: Monitored and mitigated ethical and stakeholder risks throughout project
- First Place in Computer Science at 2025 Texas A&M Engineering Project Showcase
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 both Java and Web applications (separately) in a small team
- Focused on accessibility and quality user experience in end product

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 (Literary Journal)**,** Texas A&M University, 2022 – 2025
Editor in Chief, 2023 – 2025
Head Staff Writer, 2023 – 2025

Honors Student Council, 2021 – 2025

AWARDS

National Merit Scholarship Recipient, 2021
Texas A&M Dean's Honor Roll (6 semesters), 2021-2023
Eagle Scout Award, 2019