Brigham Pettit

Dallas, 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

Methods: 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 Texas A&M Dean’s Honor Roll** (4 semesters), 2021-2023

**National Merit Scholarship Recipient,** 2021 **Eagle Scout Award,** 2019