

# Brigham Pettit

Dallas, TX

Texas A&M Honors Computer Science, Class of 2025

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EDUCATION	<b>Texas A&amp;M University</b> , 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	<b>Frogslayer</b> , College Station, TX <i>Junior Developer</i> , March 2024 – August 2024 <ul style="list-style-type: none"><li>Collaborated in an Agile team environment to develop and maintain an evolving Web application</li><li>Designed, tested, deployed, and managed .NET applications for robust data flow between third-party APIs</li></ul> <b>Math Learning Center</b> , Texas A&M University <i>Instructor</i> , January 2024 – March 2024 <ul style="list-style-type: none"><li>Assisted students in calculus and related math topics</li></ul> <b>Private Tutoring</b> <i>Tutor</i> , 2022 – 2024 <ul style="list-style-type: none"><li>Instructed students in various topics, including intermediate Computer Science and high-level Math concepts</li></ul>
RESEARCH	<b>Sketch Recognition Lab</b> , Texas A&M University <i>Research Assistant</i> , Fall 2024, Spring 2025 <ul style="list-style-type: none"><li>Honors thesis: developed novel, ethical system for emotion analysis using semantics-driven cognitive modeling</li><li>Co-authored 3 papers on anomaly detection and emotion prediction in physiological data using deep learning</li></ul> <b>Lingua Lab</b> , Texas A&M University <i>Research Assistant</i> , Fall 2024 <ul style="list-style-type: none"><li>Co-authored and presented a paper on the nature of human insult behavior in different social contexts</li></ul>
PROJECTS	<b>Coursework</b> <i>IPELINT Computer Science Capstone</i> , Spring 2025 <ul style="list-style-type: none"><li>Developed an AI solution to predict United States Patent rejections with 95.1% accuracy</li><li>Risk Manager: Monitored and mitigated ethical and stakeholder risks throughout project</li><li>First Place in Computer Science at 2025 Texas A&amp;M Engineering Project Showcase</li></ul> <i>Software Engineering</i> , Fall 2024 <ul style="list-style-type: none"><li>Product Owner: Developed Ruby on Rails web application for a real-world client in an Agile team</li></ul> <i>Programming Studio</i> , Fall 2023 <ul style="list-style-type: none"><li>Created both Java and Web applications (separately) in a small team</li><li>Focused on accessibility and quality user experience in end product</li></ul> <b>Personal</b> <i>Wordle Solver</i> , 2022 <ul style="list-style-type: none"><li>Wrote Python script to solve New York Times' "Wordle" puzzle to streamline personal puzzling habit</li><li>Learned to extract data from webpages, learned efficient string comparison techniques</li></ul>
ACTIVITIES	<b>The Eckleburg Project</b> (Literary Journal), Texas A&M University, 2022 – 2025 <i>Editor in Chief</i> , 2023 – 2025 <i>Head Staff Writer</i> , 2023 – 2025 <b>Honors Student Council</b> , 2021 – 2025
AWARDS	<b>Texas A&amp;M Dean's Honor Roll</b> (6 semesters), 2021-2023 <b>National Merit Scholarship Recipient</b> , 2021 <b>Eagle Scout Award</b> , 2019