

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