# 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**

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|---|---|
| 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