

# GABRIEL WILD

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## EDUCATION

Master of Science in Computer Science

Texas A&M University, College Station, TX

May 2026

- 4.0 GPA

Course Work: Data Mining, Information Storage and Retrieval, Data Analytics in Cybersecurity, Machine Learning, Engineer to CEO

Bachelor of Science in Computer Science

Texas A&M University, College Station, TX

May 2025

- Minors: Math, Cybersecurity
- Summa Cum Laude
- 4.0 GPA

Course Work: Data Structures and Algorithms, Analysis of Algorithms, Software Engineering, Cloud Computing, AI, Senior Design

Distinguished High School Diploma

Wakeland High School, Frisco, TX

May 2021

- Graduated Magna Cum Laude
  - STEM Endorsement
  - 5.21 GPA
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## SKILLS

- Proficient in C++, Python, Rust, TypeScript, JavaScript, Java, SQL, C#, Go, Swift, gRPC
  - Data Structures and Algorithms, Software Engineering, Artificial Intelligence, Machine Learning, Data Science, Data Mining, Cybersecurity
  - Leadership, Collaboration, Problem Solving, Communication skills
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## EXPERIENCE

SRE Intern, **Google LLC**

May 2024 – August 2024

- Worked in an SRE/SWE team to complete a dev-based project to update metadata in a service from a command line interface
- Designed and scoped out multiple solutions, creating design documents, diagrams, and audits to determine the best implementation approaches
- Refactored python server architecture and server handler hierarchy to seamlessly integrate the desired functionality.
- Improved upon the first solution by building a new utility consisting of a Golang command line interface, Python server architecture, and Protobuf RPC messages connecting the utility.
- The utility acts as a last line of defense for site reliability engineers to reliably, safely, and efficiently fix issues in production

SDE Intern, **Cox Automotive Inc.**

May 2023 – August 2023

- Worked in an Agile development as part of a scrum team, delivering a tool which leverages AWS technologies like S3 and Lambda to map performance managers in an Oracle database
  - Completed a project on a team consisting solely of interns on a solution which analyzes consumer compliance with the ProfitTime GPS product and the corresponding profit.
  - Develop programming skills by learning new technologies and design patterns like paired programming, Agile scrum, AWS, Oracle
  - Team Finalist in hackathon for an NLP solution which categorized descriptions into different car parts within .002% accuracy of the current solution.
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## LEADERSHIP / ORGANIZATIONS

Zachry Leadership Program, Texas A&M University

October 2022 – May 2025

- 1 of 32 members selected to the 8<sup>th</sup> Cohort
- Develop leadership skills and the ability to positively influence people in the workplace
- Focus on expanding perspective and gaining an appreciation for the power of collaboration and the diversity of thought, while also learning the duty of leaders to serve their teams and communities.

Aggie Competitive Programming Club, Texas A&M University

August 2021 – May 2025

- Weekly meetings learning algorithms for complex discrete structures.
  - Semesterly competitive coding competitions (solo and team) solving problems in a memory, and time efficient manner
  - Placed 12<sup>th</sup> in annual Fall club competition out of 100
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## PROJECTS

Aggie Wine Glass, Texas A&M University

- Developed an iOS application that recommends by-the-glass wines at local restaurants using a custom preference model, collaborative filtering, and RAG-enhanced user feedback.

Optimizing Network Intrusion Detection Systems (NIDS), Texas A&M University

- Evaluated and optimized ML models (Random Forest, SVM, CNN) for malicious web traffic classification using the CIC UNSW-NB15 dataset; reduced false alarm rates through systematic hyperparameter tuning using Optuna and Hyperopt.

Lung and Colon Cancer Classification, AI4ALL Ignite

- Developed a Vision Transformer (ViT) model to classify lung and colon cancer histopathological images; achieved 99.63% accuracy differentiating benign from malignant cells, significantly outperforming standard benchmarks for early diagnostic support.

Global Spotify Trends: Regional & Temporal Analysis, Texas A&M University

- Data mining study on global Spotify Top 200 charts (2017–2021) across 60+ countries; applied K-Means and DBSCAN clustering on audio features to identify 4 distinct music profiles, then built a Song2Vec pipeline to quantify how regional music taste shifts over time.
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## HONORS AND AWARDS

- Certificate of Holistic Leadership, Texas A&M University, 2025
- Dean's Honor Roll
- Companywide Hackathon Finalist, Cox Automotive Inc., 2023
- Professionalism and Soft Skills (PASS) Certified, Cox Enterprises, 2023