

Christopher Babitzke

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EDUCATION

Texas A&M University

May 2028

Bachelor of Science, Computer Science

- Engineering Honors program, Department of Computer Science and Engineering
- Relevant Coursework:
 - Currently enrolled
 - Data Structures and Algorithms, Discrete Structures for Computing, Introductory Biology, Principles of Statistics
 - Completed
 - Engineering Lab, Linear Algebra, Calculus 3, Intro to Programming Design and Concepts, Engineering Lab II, Intro to Computing

PROJECTS

- **NSF REU site, "Gluing Computer Science and Convex Geometry":**
 - 10-week site at Texas A&M International University funded by the NSF
 - Authored a research paper about the optimal deployments of sensors for maximum k -coverage in a network using Evolutionary Algorithms
 - Collaborated with 10 other on-site researchers
 - Gave weekly presentations about research
 - Extensively reviewed the literature about computational intelligence
 - Reviewed papers from outside researchers
- **Machine Learning & Quantum Approaches to Gene Signatures Research:**
 - As part of the Aggie Research Corp program, I worked with 5 student researchers to use exploratory quantum computing to decipher links between gene expression and colon cancer
- **Neural networks implemented into simple games:**
 - Worked with 6 student software developers to learn about implementing neural networks to play simple games using Python.
- **Data analytics dashboard for local business:**
 - Worked with a team of 4 in a hackathon to analyze sales data and designed a dashboard for a local culinary business using Python's sklearn, pandas, and data visualization with Tableau.

EXPERIENCE

Texas A&M Math Learning Center

Starting August 2025

Academic Tutor

- Assist other students taking MATH 304 (Linear Algebra) by answering questions, showing proofs, and adding a new perspective to the class

Texas A&M Course Support

January 2025- May 2025

Academic Tutor

- Held group tutoring sessions to support students taking Physics 207 (Electricity & Magnetism) and 202 (College Physics 2)

LEADERSHIP & COMMUNITY INVOLVEMENT

Sea Aggie Coding Club

5hrs/week

August 2024 - May 2025

- Sub-system lead, work together with 10 programmers to complete projects over a semester or a year-long term

HONORS AND AWARDS

- Houston Livestock and Rodeo Scholarship
- Lockheed Martin Scholarship