

Myles F. Murphy

860-690-0662 | mylesfmurphy@gmail.com | [linkedin.com/in/murphymy](https://www.linkedin.com/in/murphymy) | github.com/murphymy04

EDUCATION

Texas A&M University

College Station, TX

Bachelor of Science in Computer Science, Minors in Statistics and Music

May 2026

- GPA: 3.95
- Activities: TAMU Robomasters Computer Vision Team, Big Event Contributions Committee
- Relevant Coursework: Data Structures & Algorithms, Computer Architecture, Statistics 1 & 2, Programming Languages

EXPERIENCE

Software Engineer Intern

May 2024 – Present

Hexagon ALI

Houston, TX

- Worked on Asset Model Development for the PAS Integrity Suite of software solutions
- Worked in an Agile environment to develop PDF support for data collection using C# and Spire.PDF
- Researched PDF libraries and selected a library that was around \$50,000 less annually compared to other options
- Developed documentation detailing guidelines for continued PDF support, ensuring ease of maintenance

Private Math Tutor

Aug 2023 – Aug 2024

Academic Coaching Inc.

Houston, TX

- Tutored students grades five through twelve on varying levels of math up to Calculus 1
- Administered pre- and post-assessments of students to develop individualized learning plans

PROJECTS

Pantry Pal | *Python, Flask, PostgreSQL, SQLAlchemy, Jinja*

- Developed a full-stack web application deployed on Render using Flask with Jinja used for dynamic templating
- Used Edamam's API to search for recipes with 40 different dietary restriction filters based on inputted ingredients
- Created a user login system where users can save recipes in a database when signed in using SQL

RISC-V CPU | *CPU Architecture, Logisim*

- Worked in a 3 person team to develop a fully-functioning CPU in Logisim using logic gates
- Designed CPU to support 9 different instructions from the RISC-V instruction set architecture

Wordle | *Java, JavaFX*

- Developed a Wordle clone using Java and JavaFX for the GUI
- Included save and load buttons to save the current game and load that save anytime using File IO

SKILLS

Languages: C#, Python, C++, Java, SQL, HTML/CSS

Frameworks: .NET, Flask, Bootstrap, SQLAlchemy

Developer Tools: Git, Agile, MS SQL Server, Linux, VSCode, Visual Studio

Libraries: pandas, NumPy, Selenium, Spire.PDF, JavaFX, Matplotlib, SymPy

HONORS AND AWARDS

Craig and Galen Brown Engineering Honors: Awarded to engineering students in the top 10% of their class

Seal of Biliteracy: Awarded Seal of Biliteracy from Connecticut State Department of Education in May 2022 for proficiency in Mandarin

Dean's Honor Roll: Received for outstanding academic achievement in 2023 and 2024