

Aditya Vontlin

281-665-0944 | aditya.vontlin@gmail.com | [linkedin.com/in/aditya-vontlin](https://www.linkedin.com/in/aditya-vontlin) |

EDUCATION

Texas A&M University

Bachelor of Science in Computer Science, Minor in Electrical Engineering

- GPA: 3.78/4.00

College Station, TX

Aug. 2022 – May 2026

EXPERIENCE

CS 120 teaching assistant

Texas A&M University

January 2024 – May 2024

College Station, TX

- Conducted the lab portion of the class for my section, teaching students about the introductory principles of CompSci
- Held office hours, helping students with their homework, as well as clearing up any confusion on topics covered.
- Other duties included the printing and distribution of exams, as well as grading them.

PROJECTS

CPU Track | *C++, Winapi*

June 2020 – Present

- Collected data on the CPU usage of different processes running
- Used multi threading to store the metrics on a CSV while also updating the GUI that presented the data.

Aggie Professor Search | *React, Python(Scrapy, selenium), Html, Css, node.js*

May 2023

- Constructed a full-stack web application for Texas A&M Students to better gauge classes they want to take, by allowing them to view Professors GPA distribution, and rating, per ratemyprofessors.com.
- Implemented the python libraries Selenium and scrapy to scrape the Texas A&M Grade distributions website, and Ratemyprofessors.com. Utilized React to create the front-end portion of the website.
- Solved the problem of having to visit multiple websites and having multiple pages open to view data on the quality and difficulty at different classes at Texas A&M University.

Tally | *React Native, expo, group project*

August 2022

- Created a social media app, Tally, with React Native, Deploying the expo platform.
- Implemented the user interface including the login screen, different pages, and navigation bar.
- Collaborated with team with no prior knowledge of react native, had working product in a few months.

Go Phish | *Python, Google Cloud APIs group project*

Jan 2024

- Created a custom inbox, using tkinter gui, and the gmail api to access the user's emails
- The Custom inbox cross-references all the links in a given email with known malware links, and uses an AI model we created to detect how likely the email is to be a phishing attempt

RELEVANT COURSEWORK

CSCE 313 - Computer Systems, **CSCE 312** - Computer Architecture, **CSCE 331** - Software Engineering,
CSCE 421 - Machine Learning, **CSCE 221** - Data Structures, **ECEN 248** - Digital Logic Design

TECHNICAL SKILLS

Languages: C/C++, Java, Python, JavaScript, HTML/CSS, R, SQL

Frameworks/Tools: React, Rstudio, Tableau, Node.js, Flask, React Native, MongoDB, Expo

Libraries: pandas, NumPy, Matplotlib, Winapi