

# Jacob Roby Joseph

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## EDUCATION

### Texas A&M University, Zachry Engineering School

Currently pursuing Bachelor of Science in Computer Science and a Minor in Cybersecurity

College Station, TX

Dec. 2025

- Dean's List (Fall 2022, Spring 2023)

### Stephen F. Austin High School

High School Diploma

Sugarland, TX

Aug. 2022

- Summa Cum Laude Honors

## PROJECTS

### Commons Dining Hall Project

HTML, CSS, JavaScript

The Commons Dining Hall Project is a web platform that connects local businesses with the university's dining hall, allowing them to offer their food items to students. Students can browse and order from a diverse menu, enriching their dining options.

### API Movie Revenue Generator

Python, APIs

A Python project that uses YouTube and Wikipedia data to predict future movie revenues. It collects YouTube video statistics and Wikipedia details for upcoming movies, then employ fictional models to estimate gross revenue and tickets sold. This tool offers insights into movie potential based on online engagement and Wikipedia content.

### Basketball League Website

HTML, CSS, Python

A website that features statistics computed through Python and excel files, standings, a directory featuring all players, and more information through the usage of HTML and CSS for website and frontend design.

## EXPERIENCE

### VarsityTutors

Math Tutor

Sept. 2023 - Present

- Tutor Calculus 1 and 2 through an online platform to College Students.

### Mathnaisum

Math Tutor

Richmond, TX

Apr. 2022 – Aug. 2022

- Tutored Algebra, Geometry, Elementary Math for students in K-12.

### McDonalds

Crew Member

Richmond, TX

Mar. 2021 – Apr. 2022

- Areas worked: Cashier, Customer service, Cooking, & Cleaning

## LEADERSHIP

### Thrive Saiv

Mission Development Leader for a South Asian Intersivity at Texas A&M

College Station, TX

May 2023 - Present

- Promote the organization through social and outreach events, set up volunteering and profit-share work.

## CERTIFICATION, SKILLS, & VOLUNTEERING/ACTIVITIES

**Technical Skills:** Python, R, C/C++, JavaScript, Z3, HTML, CSS, Scheme, Ubuntu, Linux, APIs, Git, GitHub, x86 Assembly, Recursion, Java, Data Structures, Binary Trees

**Certification:** OSHA 10

**Activities:** St. Joseph Church Youth Board, HCA Hospital Volunteering, Aggie Coding Club, Cybersecurity Club

**Awards:** National Honor Society Member, Fr. CO Vargis Memorial Basketball Invitational (2022) Champions, Inter Parish Sports Festival (2022) Volleyball Champions, etc.