# EDUCATION

# Junior, Bachelor of Science in Computer Science, Texas A&M University Expected May 2025

Cumulative GPA: 3.87/4.00

**Relevant Courses:** *Data Structures and Algorithms, Discrete Structures for Computing, Computer Systems, Object Oriented Programming, Computer Graphics, Design and Analysis of Algorithms, and Artificial Intelligence*

# WORK EXPERIENCE

# Software Engineering Intern May 2023 - Aug 2023

## ANB Systems Houston, TX

* Developed a real-time dashboard for 200+ services, monitoring Amazon AWS health, Gitlab pipelines, SonarQube, and dependencies for the organization using Vue JS and MongoDB.
* Created a CI/CD configuration tool for the DevOps team streamlining YAML file modifications, enabling automated batch changes, and saving time taken by over 94%. • Implemented a Environment File Manager, performing bulk operations on JSON files, enabling efficient management and consistency across hundreds of deployments.

**Teaching Assistant** January 2023 - Present

## Texas A&M University College Station, TX

• Taught computer science concepts including data structures, algorithms, and computer architecture to 100+ college students. • Provided one-on-one assistance through office hours to assist students with completing homework and debugging programming assignments. • Assisted in leading a computer architecture lab, providing guidance and support to students on a weekly basis to enhance their lab experience.

# Full-Stack Developer Intern Aug 2023 - Present

## JR Software Solutions College Station, TX

• Designed and developed a user-friendly payroll system using SQL and React JS, simplifying hour tracking for over 50 interns and full-time employees, and significantly improving efficiency and accuracy.

# PROJECTS

# Coinbase Payment Gateway

* Deployed an automated system to accept payments from users on the Discord messaging platform.
* Utilized CoinPayment/Coinbase Commerce API to accept 2,215+ different types of cryptocurrencies.
* Saved client 7 minutes per transaction on average and has served over 510 users up to date.

# SKILLS

**Languages** Python, Java, C#, HTML, Javascript, CSS, C++, React JS, Redux JS, Vue JS, SQL

**Tools** Git/Github, Data Structures and Algorithms, Unity3D, MongoDB, Docker, Microsoft Azure

# EXTRACURRICULARS

# JP Morgan Software Engineering Virtual Experience Sep 2023

Utilized ReactJS and Typescript to create a graphical representation of stock price information, integrating it with the Perspective API.

**TAMUhack** Developed a Chrome extension to assist students with class registration, providing Jan 2023 access to the professor’s ratings from RateMyProfessor.