KHANH DAO

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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.