

# Adnan Yusuf

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## EDUCATION

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### Texas A&M University | Spring 2025

Department of Computer Science & Engineering

Bachelor's in Computing

- GPA: 3.9
- Relevant Coursework: Data Structures & Algorithms, Software Engineering, Analysis of Algorithms, Embedded Systems Development, Computer Organization, Discrete Math, Computer & Network Security, Computer Systems

## SKILLS

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- Programming: C/C++, Python, SQL, Java, Swift, HTML, CSS, JavaScript, TypeScript, Scheme
- Frameworks/Tools: React.js, Next.js, Express.js, MongoDB, JavaFX, Node.js, Git, PostgreSQL, Flask, Spring Boot

## EXPERIENCE

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### Software Engineer Intern | JPMorganChase

June 2024 – August 2024

- Automated CI/CD pipeline across Git, Grafana, and JIRA, now in production and actively used by relevant teams.
- Implemented React components for dynamically configuring server-side environments based on user requirements.
- Addressed JIRA issues to develop new features and fix bugs in a highly utilized trading application.
- Completed tasks within allocated story points in an agile environment.

### Peer Teacher & Assistant Lab Instructor | Computer Science & Engineering

August 2023 – August 2024

- Facilitated comprehensive understanding of CSCE concepts by providing personalized assistance to 100+ students.
- Conducted and supported lab sessions, promoting hands-on learning of computer science concepts.
- Led collaborative Sunday reviews for 40+ students, achieving high participant satisfaction.

### Director | TAMUhack

April 2023 - Present

- Responsible for organizing and executing two hackathons at Texas A&M University: TAMUhack and Howdy Hack.
- Meticulously planned and executed all event aspects through team collaboration.
- Design visual content to enhance participant experience and attract diverse participants to the hackathons.

## PROJECTS

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### MADD Streaks

- 1st Place winning team at the JPMorganChase Code for Good 2023 Hackathon
- Collaborated with the Non-Profit Organization, Mothers Against Drunk Driving (MADD)
- Educational app that promotes awareness and encourages responsible behavior about the dangers of drunk driving
- Utilized Swift, Flask, and MongoDB for a full stack iOS application

### ChoreDash | [hmukesh.itch.io/chore-dash](https://hmukesh.itch.io/chore-dash)

- 1st Place victory in a Capsher 2023 ACC Coding Challenge
- Interactive game where the player attempts to finish all the tasks assigned to them within the time limit
- Developed using Pygame (Python library) as the game engine for all graphics and interactions

### TheMovieList

- Full Stack Web application enabling users to author, curate, and distribute personalized lists of movies
- Developed using MongoDB for database, Express.js for server logic, Next.js for server rendered React applications.
- Integrated Movie Database *API* to source movie information, enriching the application's content offerings.

## ACTIVITIES

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### Aggie Coding Club

- Explore careers and passions through projects, meetings, and workshops in Software Development.

### Texas A&M Computing Society

- Industry leaders provide insight about new technologies and how they're used in the current market, offering valuable guidance to stay at the forefront of innovation.