Adnan Yusuf

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EDUCATION

Texas A&M University | Spring 2025
Department of Computer Science & Engineering
Bachelor's in Computing with Concentration in Cybersecurity

- GPA: 3.9
- Relevant Coursework
  - Data Structures & Algorithms, Software Engineering, Analysis of Algorithms, Embedded Systems Development, Computer Organization, Discrete Structures in Computing, Programming Languages, Computer Systems

SKILLS

- Proficient Knowledge of C/C++, Python, SQL, Java, Swift, HTML, CSS, JavaScript, Scheme, RESTful API
- Technologies/Frameworks/Tools: React.js, Next.js, Express.js, MongoDB, JavaFX, Node.js, SceneBuilder, Git, PostgreSQL
- Certifications: Adobe Premiere & Adobe Photoshop

PROJECTS

MADD Streaks

- Led *1st Place* winning team at the *JP Morgan Code for Good 2023* Hackathon.
- Collaborated with the Non-Profit Organization, *Mothers Against Drunk Driving (MADD)*.
- Designed an educational app promoting awareness and encourages responsible behavior through interactive quizzes and educational modules about the dangers of drunk driving.
- Proficiently utilized *SwiftUI, Flask,* and *MongoDB* for a robust and user-friendly *iOS* solution.

ChoreDash

- Led *Python*-powered team to *1st Place* victory in a *game dev* competition. Managed *Git* for seamless version control, task coordination, and issue tracking.
- Utilized *OOP* for an extensible codebase, employing inheritance and encapsulation for reusable components.
- Engineered captivating UX in ChoreDash using *Pygame* for dynamic animations, interactive interfaces, and *real-time feedback*, maximizing user engagement.

TheMovieList

- Engineered a *dynamic web application* enabling users to author, curate, and distribute personalized lists of movies.
- Leveraged the *MongoDB* database in conjunction with the *Express.js* framework to establish a *robust backend infrastructure,* facilitating the secure storage of user profiles and associated data.
- Employed *Next.js*, a server-side rendering framework, to architect the *frontend* interface, thereby ensuring *optimized performance* and seamless user experiences.
- Integrated the Movie Database *API* to source comprehensive movie information, enriching the application's content offerings.

EXPERIENCE

Peer Teacher & Assistant Lab Instructor | Computer Science & Engineering
August 2023 - Present

- Facilitated comprehensive understanding of CSCE concepts by providing personalized assistance to 20+ 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.

TAMUhack 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.

ACTIVITIES

Aggie Coding Club

- Opportunities to 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.