

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: 3.88
- Relevant Coursework
 - Data Structures & Algorithms, Analysis of Algorithms, Embedded Systems Development, Computer Organization, Discrete Structures in Computing, Programming Languages

SKILLS

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

PROJECTS

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.

Media Consultant | University Writing Center

August 2022 - Present

- Analyzed benchmark trends and audience preferences.
- Achieved 30% increase in social media engagement through strategic efforts and compelling content.
- Aligned media strategy with company objectives through design and implementation.

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.