

Jashith Raghavendra

737-291-5125 | jashith.r1@gmail.com | github.com/jashith1

EDUCATION

Texas A&M University

Bachelor of Science in Computer Science

College Station, TX

Aug. 2024 – May 2028

PROJECTS

Multiplayer Quiz Webapp | *Web Sockets, Next.js, Node, Firebase, nextAuth.js*

August 2024 – Present

- Developed a multiplayer quiz game web app using websockets, nextjs, Firebase and nextAuth.js
- Implemented bi-directional communication between server and client using web sockets to facilitate multiplayer functionality
- Built a beautiful front-end using next.js
- Used 3rd party API's to get information on quiz content to serve users the best questions
- Used nextAuth.js to allow users to signup/login to keep track of their profiles
- Used firebase and firestore to securely store user's data on a cloud database

Youtube-playlist downloader | *Python, yt-dlp, youtube-api*

January 2024 – March 2024

- Developed a CLI tool using python's argparse to allow users to have a wide range of options to download exactly what they want to, how they want to
- Used the youtube-api to get information on the playlist and its associated videos/songs
- Used yt-dlp's libraries to be able to efficiently download the required video files

pathfinding Algorithm | *dijkstra's algorithm, A* Algorithm, javascript, bootstrap*

May 2023 – January 2024

- Developed a website that finds the shortest path between 2 points on a board with support for walls and checkpoints.
- Used a custom edited version of the dijkstra and A* algorithms to achieve perfect accuracy with incredible speeds
- Used bootstrap css to style the website and javascript for functionality

PiP Web Extension | *Browser Web APIs, javascript, RSS Feeds*

March 2024 – August 2024

- Developed a web-extension that automates multiple tasks for users based on their preferences
- Reads from RSS feeds to keep track of tasks needing to be done
- Uses browser storage APIs to keep track of tasks user wants to do and those that have been completed

Chess Webapp | *Node.js, Next.js, tailwind.css*

May 2024 – Present

- Developed a web-app that allows players to play chess with each other
- Used efficient algorithms to ensure correct gameplay and best interactivity for players
- Used Tailwind.css to create an intuitive and beautiful user interface

TECHNICAL SKILLS

Languages: Typescript, JavaScript, Java, Python, Rust, HTML/CSS

Frameworks: Next.js, React, Node.js

Developer Tools: Git, Docker, Google Cloud Platform, Jupyter Notebook, Vim, Emacs, VS Code, Visual Studio

Databases: PostgreSQL, MongoDB, firestore