Samin Sharar Nafi

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TECHNICAL SKILLS

Languages: JavaScript, Python, C, C++, Racket, HTML/CSS
Frameworks: React, Node.js, Express.js, Django
Technologies: Android Studio, Git, Bash, Firebase, Figma, MongoDB Atlas

PROJECTS

Anime Database
- Uses Jikan API to asyncronously fetch anime images, links and information and renders those in Cards
- Fetches and renders top anime from MAL when the search string is empty, implemented with useEffect
- Made use of functional components as well as React Hooks to effectively deal with state management

Biology Academy: IGCSE, A Level Notes and Past Papers
- Made expert use of SEO and marketing to gain 8000 downloads and a 4.1 rating in Google Play Store
- Implemented PDF download, storage and view functionality using android studio for 300+ documents
- Leveraged xml effectively in order to design a pleasant light-themed UI experience

BNCC Streamer
- Used YouTube API to search results from YouTube, and react-youtube to render and play those videos
- Implemented login, registration and logout functionality using firebase authentication
- Used React-Router to implement routing and effectively used CSS to provide a great dark themed UI

Snake Game
- Implemented JS functions that update snake position and size, food location and check for snake death

EXPERIENCE

University of Waterloo Concept *Waterloo, ON*
Infinite Deluge Project Member May '21 – Aug '21
- Researched about water shortage and irrigation technologies using UW's online library
- Designed a solution (membrane irrigation with nylon films) and prototyped it using Figma
- Designed presentation and presented idea with team to a panel of judges and won $500 funding

HONORS AND AWARDS

- Represented Bangladesh in International Olympiad on Astronomy and Astrophysics 2019
- Champion, Bangladesh Biology Olympiad Nationals 2019
- 2nd place, Bangladesh Olympiad on Astronomy and Astrophysics Nationals 2020
- Semi Finalist, New Venture Competition 2021 (BU121)
- Top in Bangladesh Award for Cambridge IGCSE First Language English
- 3rd Place, Bangladesh Physics Olympiad Regionals 2019

EDUCATION

University of Waterloo *Sept '20 – Apr '25 (expected)*
Computer Science and Business Administration, Dean's Honours List(Fall 2020)