MD SADIQ SADA

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EDUCATION

Stony Brook University <div align="right">Expected: May 2023</div>
BS in Computer Science, Applied Mathematics and Statistics
Cumulative GPA: 3.96 (Dean's List)
Coursework: Data Structures, Object-Oriented Programming, Programming Abstractions, Mobile App Development, Systems Fundamentals, Software Development, Discrete Mathematics
Organizations: Computing Society (Member), Competitive Programming Club (Member)

PROJECTS

Covid Testing - `bit.ly/CovidTestingCS`
· Developed a web application for tracking COVID test results
· Designed an easy-to-use interface for lab users and employees using ReactJS and Material UI
· Implemented separate authentications for lab employees and others using Firebase Authentication
· Stored employee test data on Firebase Firestore for fast and secure access

PokeUnbox - `bit.ly/PokeUnbox`
· Developed a pokemon card unboxing sim where users can generate a random card out of 13000 choices
· Built an intuitive interface using ReactJS and Ant Design
· Enabled users to add generated cards in a collection, which is stored in a MongoDB Atlas database
· Implemented secure authentication using JWT, and fast routing using express routes

Workout-Planner - `bit.ly/WorkoutPlanner`
· Developed a workout tracker app using Android Studio
· Created a modern interface for adding workout sessions, and stored them in Firebase Realtime Database

Schedule Builder - `bit.ly/ScheduleBuilderCS`
· Developed a schedule builder application for Spring 2021 using ReactJS, Material UI and Firebase

WORK EXPERIENCE

Mathnasium <div align="right">March 2019 - August 2019</div>
Instructor
· Helped K-12 students understand mathematical concepts
· Communicated specific ideas to parents and directors, suggested plans for improvement

Academy of Excellence <div align="right">July 2018 - August 2018</div>
Office Assistant
· Guided parents throughout the Pre-K admission process
· Created and organized documents to facilitate day-to-day operations

SKILLS

Languages	HTML, CSS, JavaScript, Java, C, Python, R, Haskell, Swift
Tools & Frameworks	React, Node.js, Express, Android Studio, XCode, Material UI, Ant Design
Database	MongoDB, SQLite, Firebase
Version Control	Git, Github