ADNAN SADAR

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EDUCATION

Vishwakarma Institute of Technology, Pune, India Expected
Bachelor of Technology in Information Technology, GPA:7.7 *May 2022*

St. Marys' Junior College, Pune, India *2016 - 2018*
12th, ISC 82.3%

St. Marys' School, Pune, India *2005 - 2016*
10th, ICSE 91%

SKILLS

Languages: Java, JavaScript, Python, C, Shell Scripting,

Databases: SQL

Tools: Git, Bootstrap

Libraries/Frameworks: ReactJS, OpenCV, Numpy, Pandas, Matplotlib

EXPERIENCE

Core Committee Member, *REDX VIT Pune* *September 2018 - April 2019*

- Responsible for managing all social media handles like Twitter, Facebook and Instagram.
- At REDX the members identify global problems, come up with solutions and then implement a project for countering it.
- Was a part of the core committee which involved planning sessions for students and also helped with the technical work involved in these events.

Content Manager, *VishwaNova VIT* *February 2020 – April 2020*

- The VishwaNova VIT Content team comprised of 5 members, our task as the content team was to come up with catchy headlines, phrases along with some content describing the event, making the best use of our vocabulary and creative minds.
- Individual members were given this task to come up with these ideas and write them down for separate events. This content would be posted on all forms of social media.

PROJECTS

Brain Tumor Auto Segmentation Using MRI Images *August 2020 – December 2020*

- A system for the Doctors that enables them to segment multi class tumors like edemas, non-enhancing tumor and enhancing tumor in Specific Patients. It will be fused with ML possibilities to ease out the work of Doctors that inputs Brain MRI images.
- Trained a model from scratch collecting the datasets with the brain MRI's and classify as well as segment the type of brain tumor.

Restaurant Menu App *July 2020 – August 2020*

- Designed a restaurant menu app designed using React Framework. Redux has been used for application state management which includes Redux Forms.
- Redux Thunk middleware is used to write action creaters.
- Client-server communication is done using Fetch and the use of REST API on the server side.

Home Security Project *February 2019 – May 2019*

- This is a home security system which uses Raspberry Pi 3, PIR sensor is used to detect the presence of an intruder using passive infrared rays. This triggers the Pi Camera which is also connected to the RPi. The Pi camera captures the image and stores it in the firebase. The user will receive an email containing pics of the intruder and also an alert on the Home Security Android app created.

ACTIVITIES

Navonmesh Top 3 Project in F.Y.   Social Work at Tayyabia Orphanage, IshaPrema Niketan   State-level Basketball Champions