

SIDDHI DESHMUKH

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MOTIVATION

“Live as if you were to die tomorrow. Learn as if you were to live forever.”

PROFESSIONAL SUMMARY

I am a highly motivated student, pursuing Bachelor of Technology in Biomedical Engineering with a passion for procuring knowledge in Applied sciences-related research. Seeking an opportunity to study at an Institution with well-facilitated laboratories and research facilities, to maintain and apply my intense learning, problem-solving, research, laboratory, verbal & oral communication skills, healthcare and administrative skills obtained from my past experiences and education. I aim to contribute positively to the success of research studies being carried at the Institution and work with a team of professionals to build a successful career platform.

SUMMARY OF QUALIFICATION

B V RAJU INSTITUTE OF TECHNOLOGY

Medak, India.

CGPA: 8.78/10

Bachelor of Technology, Biomedical Engineering.

Year of Completion-2020

NARAYANA JUNIOR COLLEGE

Hyderabad, India.

902/1000

Junior college majored in MPC (Maths, Physics, Chemistry). Year of Completion-2016

NARAYANA CONCEPT SCHOOL

Hyderabad, India.

GPA:8.8/10

High School.

Year of Completion-2014

ACADEMIC WORK

MAJOR PROJECT

- Project Title: Detection of Breast Cancer using Machine Learning.
- Tools and Technologies: MATLAB, Image Processing tools, and Libraries.
- Description: This project deals with the comparison of the performance of various machine learning algorithms using refined data from large datasets to find if a tumor is benign or malignant. Uses Big data that treats ways to analyze, systematically extract information from, or otherwise, deal with data sets that are too large or complex to be dealt with by traditional data-processing application software.
- Roles and Responsibilities: Being the Team Leader of my group, my primary role was to transform the data, which is further given to various machine learning algorithms for accurate prediction. Also worked with training and testing of datasets and prepared documentation and PowerPoint presentation.

WORK EXPERIENCE

15/05/2019 to 15/07/2019

Five Fingers Innovative Solutions (OPC)Private Limited, IIITH(Indian Institute of Information Technology-Hyderabad).

POSITION: Biomedical Engineer.

- This project deals with detecting tumors from a range of DICOM images taken from various patients who have cancer and brain tumor. Later on, carried by image processing and segmentation using software called ITKsnap and forming 3D printed models using Cura.

04/06/2018 to 30/06/2018

Ravi Bio Impex, L.B. Nagar.

POSITION: Industrial Trainee.

- Medical equipment testing, understanding internal circuitry, repairing and reinstalling equipment, and understanding the dynamics of healthcare in terms of finance and patient record and safety.

TECHNICAL EXPERTISE

Core Software's: ITK-Snap, R, Keil u version, Cura, TASM.

Programming languages: MATLAB, C, Core JAVA, and Core Python.

Operating System: Windows, Linux.

EXTRACURRICULAR ACTIVITIES

- Visited Sweekaar Academy Of Rehabilitation Sciences.
- Visited national level exhibits such as BioAsia.
- Participated in 5k Run Marathon at BVRIT.
- Qualified IBSC Pre Assessment Test (Indian Biomedical Skill Consortium).
- Involved as Organizer at Annual Technical Fest (Promethean) at BVRIT.
- Completed online courses that included IoT Security, Python Programming, and Cyber Security on Cybrary.it.
- Attended a national seminar on Medical Devices and Regulatory Affairs.
- Participated in Assistive Technology Symposium at Assistive Technology Lab (BVRIT).
- Participated in a technical fest competition named Word Wrecker.
- Currently working on a research paper related to Mammography.
- Selected for Publishing a research paper on Urinary Incontinence in the Asian Society for Academic Research (ASAR).
- Worked as an Event Organiser at Science Utsav.

ADMINISTRATIVE SKILLS

- Analytical.
- Communicating.
- Evaluating.
- Assertive.
- Collaborative.
- Critical Thinking.
- Decision Making.

PERSONAL DETAILS

Father's Name: Uday Deshmukh.

Mother's Name: Praveena Deshmukh.

Date Of Birth: 26/08/1998.

Marital Status: Single.

Nationality: Indian.

Languages Known: English, Telugu, Hindi, Marathi.

