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Asif Iqbal

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I will try to accelerate my pace towards the growth of the institution by riding on my strength and to make innovations with my skills. I will try to deliver my duties very sincerely and regularly in the interest of institution. I will feel very proud to be a part of an organization which provides me the opportunity to improve my skills and knowledge to growth along with the institution objective.

SKILLS

Tools and Languages C, C++, Python, Machine Learning, Git, Unix, MySQL, L^AT_EX, MS Office, PHP, HTML, CSS
Communication Bengali (native), English (Working Proficiency)

PROJECT SUMMARY

TextPad	Java	Design a Text Editor, Notepad by using java swing. An easy user interface where a user can write anything. User can save the document. User can use cut, copy and paste option according to his/her need.
Behavioral Detection	Python	We have recorded Sensors data of users during activity using a mobile application. Formatted the data with proper labels to make a data-set. Applied statistical analysis and wavelet transformation to extract features from the data-set to create a feature set. Trained and saved a Random Forest Classifier with the feature set. Collected real-time data for sensors from registered users using the mobile app using Wi-Fi. Formatted the data from the sensors and fed it to the saved classifier model for user identification.
Diabetes Prediction	Python	This project basically deals with Diabetes prediction for women by performing an analysis of Supervised Machine Learning Algorithms using a Support Vector Machine. Further, by incorporating all the present risk factors of the dataset, we have observed a stable accuracy after classifying and performing it. We managed to achieve a stable and highest accuracy of 77% with SVM. The main goal of this project is to create a stable system to predict diabetes for women of different ages with a stable accuracy.

EDUCATION

Master of Engineering in Computer Science And Engineering (CGPA 8.07),	<i>Jadavpur University</i>	Pursuing
Bachelor of Technology in Computer Science And Engineering (CGPA 7.68),	<i>UEM Jaipur</i>	May 2019
Higher Secondary in Science Stream (Percentage 74.8),	<i>WBCHE</i>	May 2015
Secondary Examination (Percentage 90.5),	<i>WBBSE</i>	May 2013

CERTIFICATIONS

NPTEL (Database Management System)	March 2018
NPTEL (Design and Analysis of Algorithm)	September 2017
NPTEL (Introduction to Internet of Things)	October 2017
Oracle MySQL (PHP with mysql)	August 2016

PUBLICATIONS

An IoT framework for smart power management system Shopan Dey Tapasundar Kar Asif Iqbal Doipayan Roychoudhury Subham Laha Anubhab Chowdhury Anirban Chakraborty Kaunteya Shaw Somen Nayak Shatabdi Basu Rajib Guhathakurta Ratul Dey (2017 8th IEEE Annual Information Technology, Electronics and Mobile Communication Conference (IEMCON)) October 2017

Unmanned multifunction robot for industrial and military operation over resource constrained networks: An approach Somen Nayak Kunteya Shaw Jayashish Choudhury Anirban Chakraborty Asif Iqbal Tapasundar Kar Sumit Kumar Bera Sourav Saha Debojyoti Deb Doipayan Roychoudhury Dipta Mukherjee Ratul Dey Shopan Dey (2017 8th IEEE Annual Information Technology, Electronics and Mobile Communication Conference (IEMCON)) October 2017

Unique Digitized Activity Signature for Human Authentication Dipta Mukherjee Department of CSE, University of Engineering & Management, Jaipur, India Suman Godara Department of ECE, University of Engineering & Management, Jaipur, India Asif Iqbal Student of CSE, University of Engineering & Management, Jaipur, India Souvik Maji Student of CSE, University of Engineering & Management, Jaipur, India Aritra Roy Student of CSE, University of Engineering & Management, Jaipur, India (2019 9th Annual Information Technology, Electromechanical Engineering and Microelectronics Conference (IEMECON)) October 2019

On analyzing the Twitter usage and sentiment in India during the second wave of COVID-19 Amartya Chakraborty Asif Iqbal Parnava Roy Stobak Dutta Ankur Biswas (2nd Global Conference on Artificial Intelligence and

AWARDS & ACHIEVEMENTS

Secured 19th rank all over INDIA in Poem Writing Competition in TELOS 2016, online FEST of MAKAUT (WBUT), West Bengal.

One of the Best Performer declared by INTERNSHALA in ISP 8.0. Received Best Student Award from UEM Jaipur for all round activities throughout the year 2018.

Qualified GATE Examination in 2020.

HOBBIES

Poem Writing, Acting, Cooking, Listening Music