Abhishek Yadav
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Computer Science and Engineering

Year	Degree	University	CGPA
2020	B.Tech	Indian Institute of Technology Jammu	8.12

ACHIEVEMENTS

- Recipient of Scholarship from Mathematics Department of the University of Padua.
- Crio Student Developer, successfully completed Crio Launch Program.

TECHNICAL SKILLS

- Programming Languages - C, C++
- Tools and Technologies - React, Firebase, Wireshark, MySQL, Git, NumPy, OpenCV, Postman
- Familiar Programming Languages - Java, Javascript, Python

INTERNSHIPS

University of Padua, Italy   *May'19-July'19*
- Worked on the project titled as "Blockchain Based Digital Forensics".
- The project investigated the challenges faced by the digital forensics examiners.
- Developed the permissioned blockchain using the open source hyperledger tools.

RC Bose Centre of Cryptology and Security   *May'18-July'18*
- Analyzed and reviewed literature of cryptocurrency, blockchain.
- Thesis on the open source bitcoin mining project.

PROJECTS

AgroMart Web App
- Designed and developed a platform to connect farmers with buyers.
- Integrated SMS support to help farmers and buyers to register their request using the sms.
- Integrated "Kisan Sandesh Sewa" support which resolves farmer's queries in realtime.

TOEFL Web App
- Developed a web app for the students preparing for the TOEFL, GRE etc.
- The web app returns the list of meanings and synonyms of the input word and in case of misspelled word it displays most matching word to the misspelled word.

Hospital Management System
- Designed and developed the hospital management system using MySQL, PyMySQL, PyQt.

ARM Language Simulator
- Developed a simulator to show the simulation of instructions written in ARM language.
- The simulator presented the visualization of instruction execution in pipelined fashion.

Pocket Tank Game
- Developed pocket tank game using Javascript, HTML and CSS.
- Used Node.js as a server side framework and added support for live chat.

POSITIONS OF RESPONSIBILITIES

Teaching Assistant
- Teaching Assistant in Data Structure Course, taught by Dr. Vishal Saraswat.
- Conducted tests on hackerrank platform and helped in Lab evaluation.

Student Coordinator
- Student coordinator at Training and Placement Cell from 2018-2020.
- Managed the hospitality department during the 1st Industry Conclave held at IIT Jammu.

EXTRA CURRICULARS

- Led the basketball team in the 53rd Inter IIT sports meet held at IIT Madras.
- Organized Inter-College Coding Hackathon event as a part of IIT Jammu 1st Technical Festival.
- Framed Constitution of IIT Jammu in 2018 related to the field of Academics.