

Abhishek Tiwari

Last Updated on 11th September 2019

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EDUCATION

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY

B.TECH IN COMPUTER SCIENCE

Kalyani, West Bengal

CGPA: 9.33

KERALA SAMAJAM MODEL SCHOOL

Grad. May 2017| Jamshedpur, Jharkhand

Percentage: 98%

LINKS

Facebook:// [Abhishek Tiwari](#)

Github:// [zeus0789](#)

LinkedIn:// [Abhishek Tiwari](#)

Twitter:// [@captain_coolaf](#)

COURSEWORK

UNDERGRADUATE

Data Structures and Algorithms

Programming in C

Programming in Python

Machine Learning

Computer Vision

Discrete Mathematics

Computer Architecture

Operating Systems

SKILLS

PROGRAMMING

Java • C • Python • Javascript

C • C++ • CSS • PHP • Assembly

Android • MySQL • Flask • Django

WORK EXPERIENCE

FULL STACK DEVELOPER | DIGITAL CORRIDOR

August, 2019 - Present

Lead developer at Digital Corridor. Working on full stack and android development of commercial projects.

PROJECTS

ECOMMERCE WEBSITE AND ANDROID APP | COMPLETE ECOMMERCE SOLUTION FOR ONLINE STORE

August - September 2019|

Ecommerce Website made with JavaScript and jQuery in frontend and PHP and MySQL. REST API for android app which makes request to server via PHP script. Application includes payment gateway and OTP verification for orders.

JAVAFX-CODE-EDITOR | CODE EDITOR AND COMPILER FOR JAVA

May 2019| [LINK](#)

An Editor for java which can do real-time compilation and displays the errors in a beginner friendly manner instead of displaying the stack trace.

HERETOHEAR | A DEPRESSION DETECTION AND SUPPORT SYSTEM USING AI AND MACHINE LEARNING

Feb. 2019| [LINK](#)

This project aims at detecting depression based on the utterances a person makes in his day to day life, can confirm it by doing a sentiment analysis of social media, and warn the near and dear ones. The skill will get triggered when Alexa senses negative feelings in user. It then proceeds to engage user in a conversation and suggest the user ways to fight depression. In extreme cases, Alexa will alert the close contacts. It won the 2nd Runner-up at NIT Raipur's CodeUtsava 3.0

SMARTKART AN AUTONOMOUS SHOPPING SYSTEM WITH THEFT DETECTION

Oct 2018| [LINK](#)

Worked in a team of 4 members to create SmartCart, a Shopping Cart which aims at eliminating long queues in shopping malls for billing, thus saving time. The cart is equipped with a black box which scans the items being put/removed from the cart and updates the bill on the android application.

GPA CALCULATOR | EXCLUSIVELY FOR IIIT KALYANI | [LINK](#)

- Awarded in APPster, Annual Android Developer hunt in IIIT Kalyani.

RESEARCH

CALCULATING THE READABILITY SCORE OF HINDI TEXT BY SEMANTIC ANALYSIS OF GRAMMAR | September, 2019 - Present

Working under Dr. Sanjay Chatterji for third year project.

DETECTING GENDER STEREOTYPING IN MOVIES USING COMPUTER VISION | June, 2019 - August, 2019

Working with Dr. Chiranjoy Chattopadhyay, IIT Jodhpur to find techniques for detecting Gender Stereotyping in Movies using computer vision techniques.

CERTIFICATIONS

NPTEL-PROGRAMMING, DATA STRUCTURES AND ALGORITHMS

INC Feb, 2018 - March, 2018

Result: Elite Category

CERTIFICATE

INTRODUCTION TO TENSORFLOW FOR ARTIFICIAL INTELLIGENCE, MACHINE LEARNING, AND DEEP LEARNING

June 2019

Result: 100%

CERTIFICATE

AWARDS

CODEUTSAVA 3.0 FEB. 2019| NIT RAIPUR| **CERTIFICATE**

Team won the Second Runner's Up prize.

HACK-A-BIT 2018 OCT. 2018| BIT MESRA | **CERTIFICATE**

Won the "Most Innovative Hardware Hack" award.

IHACK JAN. 2019| IIT BOMBAY | **CERTIFICATE**

Successfully made it to the top 15 teams in the Blockchain track.

WEBNET 1.0 JAN. 2018 - AUG. 2018 | IIIT KALYANI | **LINK**

Web Designing Competition at IIIT Kalyani . Awarded second position in the contest.

OPEN-SOURCE CONTRIBUTIONS

FOSC | MEMBER OF THE FREE AND OPEN SOURCE COMMUNITY OF IIIT KALYANI | **LINK**

- Contributed in designing the Official Website of the Community
- Contributed in Papervault project

AEROSPACERESEARCH.NET | CONTRIBUTION TO VISMA PROJECT | **LINK**

Started contributing from December 2018.