Pulkit Mishra

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EDUCATION

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY

BTech in Computer Science and Engineering

Expected June 2021 | Kalyani, West Bengal

Cum. GPA: 9.2

SWARAJ INDIA PUBLIC SCHOOL

Kanpur, India

Percentage : 96.5

LINKS

Github:// **PulkitMishra**
LinkedIn:// **pulkit-mishra**
Medium:// **pulkitmishra**
Codechef:// **thecodebook**

COURSEWORK

UNDERGRADUATE

Programming in Python
Programming in C
Programming in Java
Data Structures and Algorithms
Object Oriented Programming
Operating System
Numerical Methods
Probability and Statistics
Linear Algebra
Discrete Mathematics

BEYOND THE CURRICULUM

Python
Django
Machine Learning
Convolutional Neural Networks for Visual Recognition
Machine Learning for coders

SKILLS

LANGUAGES

Over 10000 lines:
Python • C • Java • HTML • CSS
Over 5000 lines:
JavaScript • Postgresql • MySQL
Familiar:
C++ • Shell • Solidity • Assembly

OTHERS

Tensorflow • Keras • Scikit-Learn • Django • Flask • OpenCV • PyQt • Truffle • Folium • Alexa Skills

PROJECTS

SOCIAL NETWORK FOR LITERATURE ENTHUSIASTS

Django, Python, HTML, CSS, Javascript, MongoDB

July 2018 - August 2018

- Platform to share and read poems, novel extracts and other literary pieces.

Internship Offer

September 2018

- Received an internship offer from MartianN.

SMART AND SECURE SHOPPING SYSTEM

Internet of Things, Raspberry Pi, RFID, Android, Firebase

November 2018

- Eliminates the need of a queue in shopping malls by automating billing process while simultaneously helping in inventory management.

E-TENDERING ON BLOCKCHAIN

Blockchain, BigchainDB, Inter Planetary File System

January 2019

- Automates the process of tendering and makes it secure and transparent.

AI POWERED COUNSELLOR FOR DETECTING AND CURING DEPRESSION.

Artificial Intelligence, Machine Learning, Alexa Skills

February 2019

- Detects the possibility of depression by detecting abnormality in behaviour and applying sentiment analysis on social media profile.
- Suggests location based activities to improve the user's mood and therapy recommendations.

AI POWERED WEARABLE TO ASSIST THE VISUALLY IMPAIRED.

Artificial Intelligence, Alexa Skills, Raspberry Pi

March 2019

- Environmental Analysis to give the visually impaired a brief summary of his/her surroundings.
- Identifies objects and faces of known people(friends and relatives) and informs about their presence

CI/CE EXCLUSIVELY BUILT FOR MACHINE LEARNING

Machine Learning, Jenkins

March 2019

- Fills the gap between traditional CIs and Data Science
- Provides data visualization and version controlling of models

MOTION DETECTOR

OpenCV, Bokeh

July 2018

- Detect motion in a live video and plot graphs accordingly.

FOSC WEBSITE OF IIIT KALYANI

HTML, CSS, Javascript

June 2018

- Developed the website of Free and Open Source Club of IIIT Kalyani.

HACKATHONS

HACK-A-BIT
BIT Mesra, Ranchi
November 2018
- Most innovative hardware hack

IHACK
Indian Institute of Technology, Bombay
January 2019
- Successful Participation

CODEUTSAVA 3.0
National Institute of Technology, Raipur
February 2019
- Second Runners Up

HACKFEST
Indian Institute Technology, Dhanbad
March 2019
- Among the Top Twenty Hacks

HACK IN THE NORTH
Indian Institute of Information Technology, Allahabad
March 2019
- Among the Top Ten Hacks

EXTRA CURRICULAR ACTIVITIES

2019	Member	Institue Innovation Cell IIIT Kalyani
2018	Creative Head	Udaan, Literary Club IIIT Kalyani
2018	Member	Free and Open Source Club, IIIT Kalyani
2016	Winner	Tech Talk Debate, Comfest
2015	School Captain	Head of School Government Association
2015	Winner	Frank Anthony Memorial Debate
2014	Runners Up	ASISC Declamation Nationals
2014	Runners Up	ASISC Debate State Level
2013	Winner	Inter SAARC poetry competition