Jyotika Yadav

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EDUCATION

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY KALYANI
B.Tech. in Computer Science and Technology
Expected June 2021 | Kalyani, W.B.
Cum. GPA: 8.6

LUCKNOW PUBLIC COLLEGE
Grad. May 2017| Lucknow, U.P.

LINKS

Github:// jay4jyotika
LinkedIn:// jyotikayadav

COURSEWORK

UNDERGRADUATE
Programming in C
Data Structures and Algorithms
Programming in Python
Probability and Statistics
Discrete Mathematics
Computer Organization and Architecture
Formal Language and Automata Theory
Numerical Methods
Operating System
Object Oriented Programming

BEYOND THE CURRICULUM
Javascript
PHP
CSS
Machine Learning

SKILLS

PROGRAMMING
Python • JavaScript • Java • C • CSS • PHP • HTML

PROJECTS

CI/CE EXCLUSIVELY BUILT FOR MACHINE LEARNING
Machine Learning
March 2019
- fills the gap between traditional CIs and Data Science
- provides data visualization and version controlling of models

AI POWERED WEARABLE TO ASSIST THE VISUALLY IMPAIRED
Machine Learning
March 2019
- AI based wearable device to help visually impaired in know their surrounding
- takes images from camera, tells what is around as voice (using Alexa Skill)
- can recognize faces of the people you know (from you contacts images)

SHOPPING ASSISTANT
Machine Learning
Feb 2019
- AI based recommendation system for shopping online
- suggests based of past purchases and searches

READ HANDWRITING
Machine Learning
Dec 2018
- recognizes hand written text in image

E-MAIL FOR BLIND
Python
Jan 2018
- enables the person to listen to their mails
- can compose mail : speech to text
- voice operated command system

CRIMINAL RECORD MANAGEMENT SYSTEM
Java
April 2019
- an application for digitizing criminal record keeping system
- helps in analyzing demographics of the criminals

SMART SHOPPING CART
Hardware
Oct 2018
- designed to create a smart and secure shopping experience
- removes the need of a queue before checking out as the shopping cart generates the bill itself
- uses raspberry pi 3B+, RFID, weight sensor

PLACEMENT PORTAL WEBSITE
Web-Dev
Sept 2018
- created the Placement portal of IIIT Kalyani, being a part the Web-Team