Pradyumn Kumar Pottapatri

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EDUCATION

IIIT GWALIOR
B.Tech in Computer Science
Expectec May 2021 | Gwalior, MP
CGPA: 8.09/10

SRI CHAITANYA JUNIOR KALASALA
TSBIE
May 2017 | Hyderabad, TS
State Board
Percentage: 96%

LINKS

Github:// **ner-aim**
LinkedIn:// **pottapatri**

COURSEWORK

UNDERGRADUATE
Game Theory
Game Development (Coursera)
Object Oriented Programming
Analysis and Design of Algorithms
Data Structures
Discrete Mathematics + Graph Theory
Computer Graphics
Information Retrieval and Extraction
Cloud Computing
Machine Learning
Artificial Intelligence
Nature Inspired Computing
Data Mining
Operating Systems
Database Management Systems

SKILLS

PROGRAMMING
- C/C++
- Python 3
- C#
- Javascript, HTML, CSS

OPERATING SYSTEMS
- Windows
- Linux (Ubuntu, Arch)
- MacOS

FAMILIAR
- SQL
- Maya
- OpenGL

EXPERIENCE

IIIT GWALIOR | Research Intern
May 2019 - July 2019 | Gwalior, MP
- Developed an IoT based web portal with the help of **NodeMCU** and **RFID** technology by working in a team of 2.
- Achieved base-level security for the portal using the MD5 hashing algorithm in the database.

PROJECTS

ACADEMIC PROJECT: AUTOMATIC FACE RECOGNITION-BASED ATTENDANCE SYSTEM FOR TEACHING LARGE CLASSES. (PYTHON | ONE-SHOT LEARNING)
Jan 2020 - April 2020
A real-time face detection system for capturing attendance of students in the class. Working in a team of 5 people to create the model.

A TILE GAME: (UNITY3D | C#)
Jan 2020 – Feb 2020
Developed a platformer game with basic game play such as movement, jump, death, shoot and victory.

COURSE PROJECTS: BOX SHOOTER, ROLLER MADNESS, TWIN MEMORIES, SUPER-SPARTY: (UNITY3D | C#)
Nov 2019 – Feb 2020
Developed two-level games (Box Shooter and Roller Madness) for the fulfillment of course of 'Introduction to Game Development.'
Developed a RPG-prototype using the assets from 'DevAssets' for the fulfillment of the course 'Principles of Game Design.'
Developed a platformer game for the fulfillment of course "Game Development for Modern Platform."

RESEARCH PROJECT: A SMART COLLEGE ID CARD USING NODEMCU AND RFID READER: (HTML | CSS | PHP | Arduino | Cryptography)
May 2019 – July 2019
Implemented a working model for scanning the student ID card using a **MFRC522 RFID reader**.
Upon login, the student can access various functions to use within the institute.

LEADERSHIP AND AWARDS:

PUBLIC RELATIONS AND SENIOR EXECUTIVE | Student Council
Aug 2019 - Jan 2020

2ND RUNNER UP | Hackin'City-Infotsav'19
Feb 2019

WINNER-SHORT STORY | Uthaan IIITM
Apr 2018

WINNER-PICTIONARY | Uthaan IIITM
Sep 2017

BRONZE MEDALLIST | SOF-International Mathematics Olympiad
Mar 2017