

Pradyumn Kumar Pottapatri

ner-aim.github.io | sid99.smiles@gmail.com | bcs_201722@iiitm.ac.in | GRE: 169Q 149V 4 AWA

EDUCATION

IIIT GWALIOR

B.TECH IN COMPUTER SCIENCE
Expected 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



Atal Bihari Vajpayee
Indian Institute of Information Technology & Management, Gwalior
(An Autonomous Institute of MHRD, Government of India)

अटल बिहारी वाजपेयी
भारतीय सूचना प्रौद्योगिकी एवं प्रबंधन संस्थान, ग्वालियर
(भारत सरकार, मानव विकास मंत्रालय का स्वायत्त संस्थान)

Roll No. : 2017BCS-022
Name : POTTAPATRI P. KUMAR
Father's Name : P. NAVEEN KUMAR
DOB : 21/10/1999
Programme : B.Tech.
Blood Group : A+
Valid Upto : 30/06/2021
Issued on : 15/11/2017



P. Kumar
Registrar