Nilotpal Pramanik

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H https://www.hackerank.com/nilotpalnpk

Gender Male | Date of birth 4 May 1999 | Nationality(-ies) Indian

APPLICATION FOR

Summer Project

AREAS OF INTEREST

Artificial Intelligence, Machine Learning, Deep Learning, Neural Networks, Robotics

PROJECTS ON HACKATHONS

Augmented Reality (AR)

PokemonApp

Project for 'IIITA Hacks 2016'.3D fight game between two Pokemon characters created with Augmented Reality(AR) with respect to the Pokemon Cards, built on Unity3D. **Skills:** C# | Java | RPC | Objective-C++ | ShaderLab **Other Contributors:** Abhishek Agrawal, Abhishek Jaiswal, Surabhi Gogte **Link:** https://github.com/goodday451999/PokemonApp

Artificial Intelligence (AI)

Game-The-Dark-Chase

Project for 'IIITA Hacks 2017'.This game is built in Unity3D containing AI-bots and player along with 3D environment. **Skills:** C# | ASP **Other Contributor:** Aditya Narayan Pradhan **Link:** https://github.com/goodday451999/Game-The-Dark-Chase

Chat Bot

Movie-TvSeries-Bot

Project for 'Hack In The North 2018'.This is Fb-Messenger chatbot(domain based AI),built on HASURA, provides all informations about movies,tv-series, asked by the users. **Skills:** Node.js | Express.js **Other Contributor:**Neil Syiemlieh **Link:** https://github.com/goodday451999/hint18

OPEN COLLABORATIVE PROJECTS

Web Development

OpenCode-Collaborative

Project for 'O P E N C O D E 18'   Collaborative Open Source Event   in IIIT, Allahabad **Skills:** Java Script | CSS | HTML **Other Contributors:** *Individual Participation.* **Link:**https://github.com/goodday451999/OpenCode-Collaborative

OpenCode-CodeStash

Project for 'O P E N C O D E 18' Competitive coding Project **Skills:** Java **Other Contributors:** *Individual Participation.* **Link:**https://github.com/goodday451999/CodeStash

Competitive Coding/Programming

SELF LEARNING PROJECTS

Android App Development

StudyMate

An android app based on the course structure of IIIT,Allahabad to provides all kinds of study materials like pdfs,slides,video lectures,problem sets,last year question papers,lab records for each subjects of each semesters. **Duration:** May'17-July'17 **Skills:** Java | XML

Neural Network

Neural-01

Very basic implementation of Neural Network for Learning Purpose.**Skills:** Python **Link:**https://github.com/goodday451999/Neural-01

Artificial Intelligence (AI)

AI-Controlled-Car

It's an ongoing project to visualize the 'AI Controlled Car' in real-life model on Unity3d platform. **Skills:** C# | ASP **Link:** https://github.com/goodday451999/AI-Controlled-Car

PROJECTS UNDER SUPERVISION

Recommender System

Neighborhood-Based-Recommender-System

Project Supervisor Dr.Ranjana Vyas.Recommender System,Semantic web and LOD based project.**Started:**April'18 **Progress:** For learning, I've implemented the basic algorithm of this to determine the similar users in movie-rating System. **Skills:** Java(for now) **Link:** here

SEMESTER PROJECTS

4th Semester — **Library Management System**

Project for 'Principle of Programming Language (IPPL430C)' An efficient Library Management System using PROLOG **Skills:** PROLOG **Link:** *Ongoing Project.*

4th Semester — **Medicine Search App**

Project for 'Database Management System (DBMS432C)' An Android App provides Medicines, corresponding Price and location of the nearest Medical Stores for any diseases, searched by the user. **Skills:** Java | XML | PHP | MySql **Other Contributors:** Anand Singh, Mohit Verma **Link:** *Ongoing Project.*

3rd Semester — **Cyber-Credit-Card-System**

Project for 'Object Oriented Methodologies (IOOM332C)'Payment Gateway to make secure online transactions using Credit Card. **Skills:** Java | Swing **Other Contributors:** Sudhanshu Shakya, Nishant Malik, Rakshit Chaudhary, Kartik Madaan **Link:** https://github.com/goodday451999/Cyber-Credit-Card-System

3rd Semester — **Virtual-Memory-Simulation**

Project for 'Operating System (IOPS332C)'Virtual memory simulation based project.**Skills:**C **Link:** https://github.com/goodday451999/vms

PROGRAMMING SKILLS

Programming Languages Java, C, C++, C#, Python

Scripting Languages Java Script(Node.js, Express.js, p5.js), CSS, HTML, jQuery, processing

Frameworks ASP, PHP

DB Related MySql, PL/SQL

Others Prolog,CLISP,Latex

Tools Eclipse (Java), Code::Blocks (C++), Unity3D, Visual Studio, CodeBlocks (C), SublimeText, NetBeans (Java),PyCharm(Python),Oracle,MATLAB

EDUCATION

2016 – 2021(expected) — **Dual Degree Bachelor of Technology in Information Technology and Masters of Technology in Information Technology with Specialization in Robotics**

Indian Institute of Information Technology, Allahabad, Uttar Pradesh,India

CGPA*(upto 1st Year):*8.41/10

2014 – 2016 — **Higher Secondary**

Ramakrishna Mission Vidyalaya, Narendrapur, Kolkata, West Bengal

Class: 11-12   **Percentage:** 92.60

2008 – 2014 — **Secondary**

Ramakrishna Mission Vidyapith, Purulia, West Bengal

Class: 5-10 **Percentage:** 92

COURSE WORK

Institute Courses Object Oriented Methodologies(OOM),Operating System(OS),Principle of Programming Language(PPL),Data Structure(DS),Microprocessor(MIP),Database Management System(DBMS),Calculus,Linear Algebra,Probability-Statistics,Convex Optimization

Online Courses Anroid App Advance(Udacity),Machine Learning(Edureka),Deep Learning(Edureka),Neural Network(Edureka),Internet of Things(Edureka)

PERSONAL SKILLS

Mother tongue(s) Bengali

Other Languages English, Hindi

Communication skills Good and proficient in English

Other skills Writing blogs and visiting Modern Art galleries. Enjoy all sports particularly cricket. Love to travel and experience different cultures.