PERSONAL INFORMATION	**Nilotpal Pramanik**
	✉ nilotpal.npk@gmail.com, IRM2016501@iiita.ac.in
APPLICATION FOR	Summer Project
AREAS OF INTEREST	Artificial Intelligence, Machine Learning, Deep Learning, Neural Networks, Robotics

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

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

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

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

Competitive Coding/Programming   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

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

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 DETAILS

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

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