Avinash **Yadav**

STUDENT AT IIIT ALLAHABAD

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Objective

To pursue my interest in Information Technology and take it to the level where I can make some significant contribution in the field of Information Technology that helps the masses.

Education

Indian Institute of Information Technology *Allahabad, India*

DUAL DEGREE (B.TECH + MBA) IN INFORMATION TECHNOLOGY *July, 2016 - PRESENT*

- CGPA - 8.10 (up to sixth semester).

B.N.S.D. Shiksha Niketan (U.P. Board) *Kanpur, India*

HIGHER SECONDARY EDUCATION *2014 - 2015*

- Scored 92.8% marks in Higher Secondary Examination.

B.N.S.D. Shiksha Niketan (U.P. Board) *Kanpur, India*

SECONDARY EDUCATION *2012 - 2013*

- Scored 95.17% marks in Secondary Examination.
- Secured 8th rank in Uttar Pradesh Madhyamik Shiksha Parisad.

Achievements (Technical & Academic)

2019	**Facilitator - Google's Explore ML Academy**, Google AI.	*Hyderabad, India*
2017	**IIITA - HACKS**, Participated in IIIT Allahabad hackathon.	*Allahabad*
2018	**Certification of AngularJS Course**, Udemy	*Allahabad*

Major Academic Projects

Real-Time Smart City Map on (Kumbh) Temporal Data *Allahabad*

IIIT ALLAHABAD *January, 2019 – May,2019*

- An Android app having features of maps where google maps can't reach such as temporal city like Kumbh.
- KML(Keyhole Markup Language) is used to display geographic data collected through GPS.
- It is designed for both admin and user side where government (admin) can add/update any protocol and user can get instant notification.
- Technologies Used : Android Studio, Firebase Realtime Database, KML.

Spark MovieLens *Allahabad*

IIIT ALLAHABAD *August, 2018 – November,2018*

- A System for Movie Recommendation using content-based, collaborative approach on static data set.
- Extended to real time as web portal using flask, Spark Mlib ALS, cosine correlation.
- Used Apache Spark Distributed Processing.
- Technologies Used : Python, Apache Spark, Flask.

Law and Order Automation *Allahabad*

IIIT ALLAHABAD *March, 2018 – April,2018*

- This project is designed in order to reduce the burden of maintaining bulk of records of all the citizens, criminals and case details.
- Fetching and updating the case details by judge and police becomes easy.
- Used Apache Spark Distributed Processing.
- Technologies Used : JavaScript, MySql, PHP.

Minor Academic Projects

2019	**Signature Classification**, Feature Extraction using Image Processing and classification by KNN, ANN, SVM in MATLAB	*Allahabad*
2019	**Behaviour Prediction**, data set collected through GSR(galvanic skin response) and trained model using ANN	*Allahabad*
2019	**3D Object modeling**, using ultrasonic sensors and Arduino.	*Allahabad*
2017	**Counter Strike Game**, Mini Non GUI game using JAVA.	*Allahabad*
2018	**InstantWeather**, Weather Forecasting Web App using AngularJS.	*Allahabad*
2018	**Auto Insurance Prediction System**, CLIPS expert system.	*Allahabad*

Technical Details

AREA OF INTEREST

- Algorithms, Data Structures, Web Development, Machine Learning.

PROGRAMMING LANGUAGES

- C/C++, Java, SQL, Python.

PROGRAMMING ENVIRONMENT

- NetBeans, Eclipse, Arduino IDE, Jupyter, Android Studio.

Extracurricular Activity

Coordinator *Allahabad*

FINE ARTS SOCIETY, IIIT ALLAHABAD *2018 - 2019*

- Gained experience in event management and leadership skills.

Member *Allahabad*

FINE ARTS SOCIETY, TECHNICAL FEST (APAROKSHA) & CULTURAL FEST (EFFERVESCENCE) *2018 - 2019*

- Gained experience in event management.
- Organizer online event "Sketcher".
- Organizer of face Painting competition.
- Secured 1st rank in Graffiti competition.
- Secured 2nd rank in Cartoon Making competition.

Declaration

I HEREBY DECLARE THAT THE ABOVE INFORMATION IS TRUE TO BEST OF MY KNOWLEDGE.