

Avinash Yadav

STUDENT AT IIIT ALLAHABAD

1/640 Rishinagar, Shuklaganj, Unnao, Uttar Pradesh, India - 209861

☎ (+91) 7524990644 | ✉ avinashyadav06.ay@gmail.com | 🏠 weirdolucifer.github.io | 📷 weirdolucifer | 🔗 avinash-yadav-50b971146

Experience

Innovaccer

SOFTWARE DEVELOPMENT ENGINEER INTERN

Noida, India

May, 2020 - July, 2020

- Contributed to POC of automated CI/CD using GitLab pipelines, docker, spinnaker, and EKS.
- Contributed to benchmarking of AWS EKS and Kafka.
- Contributed to developing an algorithm for mismatch analyzer to find errors in manual data feeding of HEDIS measures.
- Developed Frontend of Learning Management System.

Education

Indian Institute of Information Technology, Allahabad

DUAL DEGREE (B.TECH + MBA) IN INFORMATION TECHNOLOGY

CGPA - 8.36

July, 2016 - Present

B.N.S.D. Shiksha Niketan, Inter College, Kanpur

HIGHER SECONDARY EDUCATION

92.8%

2014 - 2015

B.N.S.D. Shiksha Niketan, Inter College, Kanpur

SECONDARY EDUCATION

95.17%

2012 - 2013

- Secured 8th rank in Uttar Pradesh Madhyamik Shiksha Parishad.

Achievements

2021	Qualified Graduate Aptitude Test in Engineering (GATE) , Computer Science	Kanpur, India
2019	Facilitator - Google's Explore ML Academy , Google AI.	Hyderabad, India
2020	Product Hacks - IIIC , 2nd Prize in Hackathon organized by IIITA Info Communication Incubation Center.	Allahabad, India
2020	Interview Jumpstart - 193rd Rank at 15 days of coding series , Coding Ninjas.	Kanpur, India

Major Academic Projects

Spark MovieLens

IIIT ALLAHABAD

[Github Repository Link](#)

August, 2018 - November, 2018

- A System for Movie Recommendation using a content-based, collaborative approach on static data set.
- Extended to real-time as a web portal using Flask, Apache Spark, and MLlib.
- Technologies Used: Python, Apache Spark (distributed computing), Flask.

Image Super-Resolution using GAN

IIIT ALLAHABAD

[Github Repository Link](#)

June, 2019 - September, 2019

- A Generative Adversarial Network has two main Neural Networks, Generator, and Discriminator.
- The Generator takes a low-resolution image as input and tries to generate a high-resolution image for that input. The Discriminator learns from the actual training data and also the generated results of the Generator and tries to distinguish real and generated images.
- As the training goes the generator gets better and better at generating realistic outputs while the discriminator finds it harder and harder to distinguish real and fake images.
- Technologies Used: Python3, GAN

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

IIIT ALLAHABAD

[Github Repository Link](#)

January, 2019 - May, 2019

- An Android app having features of maps where google maps can't reach such as a 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 the government (admin) can add/update any protocol and the user can get an instant notification.
- Technologies Used: Android Studio, Firebase Realtime Database, KML.

Law and Order Automation

IIIT ALLAHABAD

Github Repository Link

March, 2018 – April, 2018

- This project is designed to reduce the burden of maintaining the bulk of records of all the citizens, criminals, and case details.
- Fetching and updating the case details by judge and police becomes easy.
- Technologies Used: MySql database, PHP, CSS, HTML.

Minor Academic Projects

2019	Signature Classification , Feature Extraction using Image Processing and classification by KNN, ANN, SVM in MATLAB	<i>Github</i>
2019	Behaviour Prediction , data set collected through GSR(galvanic skin response) and trained model using ANN	<i>Github</i>
2019	3D Object modeling , using ultrasonic sensors and Arduino.	<i>Github</i>
2017	Counter-Strike Game , Mini Non-GUI game using JAVA	<i>Github</i>
2018	InstantWeather , Weather Forecasting Web App using AngularJS.	<i>Github</i>

Technical Details

AREA OF INTEREST

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

PROGRAMMING LANGUAGES AND FRAMEWORKS

- C/C++, Python, Java, SQL, Django, Flask

PROGRAMMING ENVIRONMENT

- Visual Studio Code, NetBeans/Eclipse, IntelliJ, Jupyter, Android Studio.

Extracurricular Activity

Coordinator

FINE ARTS SOCIETY, IIIT ALLAHABAD

- Gained experience in event management and leadership skills.

Allahabad

2018 - 2019

Member

FINE ARTS SOCIETY, TECHNICAL FEST (APAROKSHA) & CULTURAL FEST (EFFERVESCENCE)

- Gained experience in event management.
- Organizer of online event "Sketcher" and face Painting competition.

Allahabad

2017 - 2018

Declaration

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