
KAYENAT KAILAS PATIL

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EDUCATION

Illinois Institute of Technology, Chicago, IL Masters of Science, Computer Science	2021 - 2023
Vishwakarma Institute of Technology, India Bachelors of Technology, Electronics	2017 - 2021

SKILLS

- Programming: Python, R, C/C++, SQL, Java, C#, MIPS
- Visualization: Power BI, Tableau
- Machine learning: Model building, training, testing, data cleaning, data analysis, TensorFlow, web scraping
- Cloud: AWS, Azure
- Database: MongoDB, phpMyAdmin, RDS
- Statistics: Strong skills in linear algebra, calculus, algorithm creation and testing, probability and statistics
- Softs skills: Excellent written and communication skills, self-motivated, fast learner, multi-tasker, ability to work and lead a team

EXPERIENCE

Illinois Institute of Technology **August 2022 - Present**

Graduate Teaching Assistant for Computer Organizations and Assembly Language Programming

- Assisting professor with grading homework, lab assignments, quizzes and exam papers
- Helping with ongoing development and design of the curriculum
- Supporting a research-led and scholarly approach to student learning

iDTech Camps

May 2022 -August 2022

Instructor

- Prepared lesson plans, and teach a class with up to 10 students Python 101, Java script, Machine learning and Artificial Intelligence
- Ensured all students are meeting set curriculum goals
- Applied behavior management techniques to enforce rules and safety regulations

Artenal

2020 - 2021

Data Science Intern

- Developed a Cloud Operating Standard and recommendations systems for the tech startup including budgeting and overseeing technical operations
- Led a team of 4 on AWS where an application containing EC2 instance, Lambda functions, RDS, S3 and DynamoDB were developed for an agricultural bot
- Collaborated in building a pipeline for inflow and outflow of data received from machines on site to AWS and then back to machines which reduced latency by 25%

PROJECTS

Social media for good: Exploring trends on Instagram

December 2021 - Present

- Working towards understanding Cyberbullying on Instagram and developing unsupervised machine learning models.
- Analyzing Fake news biases and constructing models mitigating its spread

Building a recommendation system model and hosting it on the Cloud

2020 - 2021

- Built a pipeline for user data from MongoDB to AWS S3 buckets using Lambda function as a trigger
- Created dashboards to optimize customers of a mobile application using Power Bi to predict growth

CERTIFICATIONS

- AWS Certified Cloud Practitioner (CCP) June 2022
- Microsoft Azure AI Fundamentals (AI-900) August 2022