

Nakshatra Agarwal

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EDUCATION

DREXEL UNIVERSITY, PHILADELPHIA

(September 2021- June 2023)

Master of Science in Machine Learning Engineering

Courses: Pattern Recognition, Machine Learning & Artificial Intelligence, Parallel Programming

ABES ENGINEERING COLLEGE, DR. A.P.J ABDUL KALAM TECHNICAL UNIVERSITY, INDIA

(Graduation: June 2019)

Bachelor of Technology in Computer Science and Engineering

(GPA-8/10)

Courses: Data Structures, Database Systems, Operating Systems, Web Technology, Artificial Intelligence, Design of Algorithm

EXPERIENCE

Service Delivery Analyst (Python, AWS, PostgreSQL, VBA) | ZS ASSOCIATES GURGAON, INDIA (October 2019-December 2020)

Data Steward Project

- Collaborated with team of five persons to create a **global product registry of medical devices** for fortune 100 pharmaceutical companies in world
- Developed an **excel based feedback tool using VBA for 106 countries** to get proper feedback and data change request from client
- Streamlined of process flow and minimization of manual effort by writing python scripts

Data Operation Associate Project

- **Generated SAS datasets of various data sources** (IQVIA, Medvantx, Surgical, Non-Retail, etc.) on Daily/Weekly/Monthly basis
- **Analyzed and fixed production issues of AWS Lambda** of various data sources
- Automated process flow of project using python and AWS services in team of four persons and improving the efficiency of the process by 80%

SKILLS

- **Web Technologies:** HTML, CSS, AWS, JavaScript, Bootstrap
- **Programming Languages:** Python, Core Java, MySQL, PostgreSQL, C, C++, Excel (VBA), MATLAB
- **Software Tools:** Eclipse IDE, PyCharm, Tableau, Git
- **Certification:** C, Java, E-Box

ACADEMIC PROJECTS

Pattern Recognition (Python, Support Vector Machine) | DREXEL UNIVERSITY

(September 2021-December 2021)

Cell Tracking Challenge

- Implemented Support vector machine learning model and algorithm individually for performing the required prediction for cell segmentation and tracking.
- Presented a final research paper to higher officials by showcasing an accuracy of 98.27% for training set and 97.625 for challenge set.

Object Oriented Project (HTML, CSS, Java spring) | ABES ENGINEERING COLLEGE

(September 2018-April 2019)

Tour & Travel

- Led a team of 3 persons to design a website for online tourism allowing customers to choose preferred location to visit around India on basis of information provided on website
- Presented report on comprehensive analysis to higher officials showcasing improvement areas and providing future roadmap for project

LEADERSHIP AND INVOLVEMENT

- Certification of appreciation for completing most learning course- Professional experience- October, 2019
- Presented anthology for a book available on amazon with title "Blissful Breeze of Monsoon"
- Won Bronze level in 100m relay race at high school level
- Volunteered to Computer Society of India (CSI) by organizing webinars and networking events