**Mathews Gregory**

New Hyde Park, NY • 516-581-8254 • mathewsgregoryny@gmail.com

**Data Engineer/Analyst**

Driven Engineer with proven experience in delivering robust and secure solutions for healthcare facilities. Proficient in python, advanced SQL, managed database/servers and executed denial prediction mapping using Machine Learning. Adept at learning and mastering new technology. Demonstrated leadership abilities strong attention to detail, problem-solving skills, and completed assigned projects within schedule.

**Areas of Expertise**

|  |  |
| --- | --- |
| Programming Languages: | Python, SQL, HTML5, CSS |
| Analysis Tools: | Excel, NumPy, Pandas, Tableau, Git/GitHub, Jira |

**Education**

**Master of Science in Computer Science |** New York Institute of Technology,Old Westbury, NY, 2019

**Experience Highlights**

**JZANUS HEALTHCARE LTD**, Turnpike, NY, 07/2019 – Present

**Data Engineer**

Optimize and create stored-procedures and jobs in SQL server. Conduct database backups and data imports. Tableau for Data Analysis and Visualization.

***Key Accomplishments:***

* Implemented healthcare-related business logic to stored procedures to utilize in .Net Application.
* Optimized and Created new stored-procedures and jobs in SQL server. Provide data reports and reconciliations.
* Implemented AI/Machine learning models to read through denial statements and reduced manual processing.
* Drove data importing from hospital system to company database to populate Jzanus front-end software. Perform database backups and restore.
* Created Tableau Dashboards to gain insights into Medical Departments performance and Revenue

**new york INSTITUTE of technology,** Westbury, NY, 11/2018 – 05/2019

**Research Intern**

Maintained lab duties and assisted students in utilizing lab equipment for projects. Provided basic computer instructions for students, ran diagnostic programs to resolve problems, and offered technical assistance as needed. Delivered technical assistance and support for issues related to computer systems, software, and hardware.

***Key Accomplishments:***

* Maintain the lab and assist students in utilizing lab equipment’s for projects
* Monitored supplies and operational use of Computer Lab error free.
* Conducted Boot camps and competitions prepared to encourage new students to have entrepreneurial ideas.
* Provide technical assistance and support for issues related to computer systems, software, and hardware.

**Personal Sites**

**linkedin :** [**https://www.linkedin.com/in/mathews-gregory-595b37116/**](https://www.linkedin.com/in/mathews-gregory-595b37116/)

**my PORTFOLIO: https://mathewsgregory.pythonanywhere.com/**