Uneeb Mehraj

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<https://github.com/Uneeb123204>

# Education

**Georgia State University Atlanta, GA**

*Master of Science in Computer Science (GPA 3.81/4.00) Aug 2021 – Jul 2023*

**National Institute of Technology Srinagar, India**

*Bachelor of Technology, Electronics and Communication (GPA 8.367/10) Aug 2016 – Aug 2020*

# Experience

**iQuasar LLC Sunnyvale, CA**

*Technical Associate Oct 2023 – Present*

* Developed an application capable of automatically extracting essential information from Government Proposals
* Leveraged **OpenAI’s LLM APIs, Lang Chain, and Python** to engineer a sophisticated data extraction and analysis tool
* Successfully enhanced team efficiency by **12%**, attributable to the advanced capabilities of the **LLM-powered**

application

**Davista Northridge, CA**

*Data Analyst Intern May 2023 – Aug 2023*

* Developed and implemented police deployment strategies by analyzing the correlation between officer presence and crime trends in specific neighborhoods
* Employed **Geospatial Kernel Density** estimation to map officer presence and crime trends over time and space for strategic deployments
* Conducted analysis that guided targeted police deployments, significantly enhancing patrol effectiveness and reducing burglaries by **31.4%** in three months

**Georgia State University Atlanta, GA**

*Graduate Research Assistant Sept 2022 – Apr 2023*

* Implemented the AMNET Graph neural network, leveraging **Spektral** and **TensorFlow** libraries, for anomaly detection on the Yelp Fraud Dataset, achieving a notable **87.2%** accuracy
* Conducted comprehensive research on **PyTorch** and **PyG** GNN implementations, optimizing the model’s performance and aligning it with the original PyTorch and PyG accuracy levels
* Demonstrated expertise in effectively analyzing and detecting anomalies in graph data, showcasing the ability to utilize specialized libraries like Spektral and TensorFlow to enhance detection capabilities
* Successfully leveraged both high and low-frequency information within the graph data, employing the AMNET Graph neural network to achieve accurate and reliable anomaly detection results

# Projects

**MERN CRUD App** *| MongoDB, Node.js, React, Express.js, Docker Aug 2022*

* Developed a MERN CRUD app using **Express.js** and **React.js** with **JWT** authentication and **MongoDB**

integration.

* Incorporate Docker containerization to streamline the deployment process and enhance portability.
* Created **Dockerfiles** for both backend and frontend, configured **Docker** Compose for orchestration, and utilized Docker volumes for data persistence.
* Achieved easier and more reliable deployment, scalability, and portability of the MERN **CRUD** app, ensuring efficient data management and user interaction while following industry best practices.

# Technical Skills

**Languages**: Python, Java, C, HTML/CSS, JavaScript, SQL

**Developer Tools**:Eclipse, VScode, Jupyter Notebook

**Technologies/Frameworks**: Linux, Docker, GitHub, Node.js, Express, MongoDB, React, PyTorch, PyG, TensorFlow, Scikit Learn, Pandas, Numpy, AWS, Terraform , Kubernetes, CUDA, Tableau, Langchain