Muntasir Muin

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EDUCATION

University at Buffalo, The State University of New York *Buffalo, NY*
Bachelor of Science in Computer Science Aug 2021 – May 2023

Georgia Institute of Technology *Atlanta, GA*
Master of Science in Computer Science **Expected:** May 2026

Relevant Courses: Software Engineering, Systems Programming, Web Application Development, Data Structures, Algorithms and Complexity, Computer Security, Artificial Intelligence, Statistics

EXPERIENCE

Learning and Development Intern June 2024 – Present
Delaware North *Buffalo, NY*
- Automated training data collection and analysis using **Python**, **SQL**, and **CI/CD** practices, providing actionable insights to the Learning and Development team and reducing manual reporting time by **50%**
- Integrated **RESTful APIs** for dynamic content delivery within training platforms, improving content accessibility
- Collaborated with IT to optimize the Learning Management System (LMS) using **AWS**, improving system uptime and performance by **25%**

Web Developer Intern May 2022 – Aug 2022
BLENDtw Media *New York, NY*
- Utilized **Agile development** and **User-centered design** to engineer interactive website features with **React.js**, directing a significant traffic increase to **100,000+** monthly visitors
- Built a tag-based filtering functionality with **jQuery**, **SQL**, and **Ajax** allowing visitors to easily discover relevant articles of interest, facilitating **400,000+** article views within three months
- Implemented **API** integrations with Stripe and Paypal for efficient payment processing in online shop
- Initiated automated database migration using **Python** scripts with **Pandas**, reducing migration time by **85%**

Data Entry Specialist Jan 2022 - May 2022
Adecco Staffing *Buffalo, NY*
- Processed over **2,000+** application forms per month with **99%** accuracy, ensuring expedited processing
- Devised **SQL** stored procedures to pre-validate online application data, minimizing faulty submissions
- Conducted in-depth analysis on key performance metrics using **Google Analytics** and **Tableau**, facilitating strategic improvements and enhancing employee workflow

PROJECTS

Travel Booking Application | *PHP, JavaScript, HTML, CSS, MySQL, Git, Zenhub*
- Engineered a **full stack**, user-friendly travel booking website leveraging **JavaScript** and **PHP**, optimizing user experience and functionality
- Directed an **Agile** development team of **4** members, leveraging **Zenhub** and **GitHub**, to deploy critical features
- Integrated search and booking functionality using **SQL** queries for database management

Space Missions Predictor | *Python, Pandas, Scikit-learn, Seaborn, Matplotlib*
- Efficiently merged and preprocessed diverse datasets to develop predictive data model for future space missions
- Applied advanced **machine learning** algorithms, specifically **Random Forest** and **Logistic Regression**, to analyze and predict future space mission trends

E-Commerce Platform | *Python, JavaScript, HTML, CSS, Flask, Docker, MongoDb*
- Led a team of **4** developers in designing a full-stack, responsive e-commerce website, leveraging **Docker** and **Flask** for back-end efficiency and **MongoDB** for database management
- Initiated **HTTP** optimizations such as caching and compression, improving website speed by 35%

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, C, C++, C#, Scala, Go, Kotlin, MATLAB, Swift, HTML, CSS
Frameworks and Tools: React, Node.js, .NET, Docker, RESTful API's, Unix/Linux, SpringBoot
Cloud and Database: AWS, Google Cloud, Azure, MongoDB, Spark, MySQL, Postgres
Concepts: Machine Learning, Cloud Computing, Frontend and Backend, Agile and Waterfall Methodologies, CI/CD