

EUDCATION & CERTIFICATIONS

The University of Texas at El Paso Master of Science in Computer Science; GPA: 3.81	El Paso, TX May 2019
Military Institute of Science and Technology Bachelor of Science in Computer Science and Engineering; GPA: 3.69	Dhaka, BANGLADESH December 2013
Certifications IBM Data Science Professional Certificate by Coursera	December 2021

EMPLOYMENT

Data Architect I <i>ICON plc</i>	Raleigh, North Carolina May 2022 – Aug 2023
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- Developed, managed, and maintained Business Intelligence Solutions and underlying data pipelines.
- Performed updates to Datamart through automated or manual data retrieval, cleaning, transformations, and database integration for analytical purposes.
- Identified and resolved issues within the in-house codebase through troubleshooting, debugging, and code reviews.
- Deployed solutions to production within Linux environment.
- Analyzed diverse data sources and collaborated with cross-functional teams to define business objectives & formulate data-driven strategies.
- Performed analysis on Real World Evidence (RWE) and historical data to uncover patterns, trends, or anomalies.
- Produced quality data narrative and presented logical conclusions to senior management for decision-making.

Graduate Teaching Assistant <i>Computer Science Department, The University of Texas at El Paso</i> Evaluated, graded, and recorded exam & lab assignments in Data Structures and Introduction to Computational Thinking courses.	EL Paso, TX Aug 2016 – May 2018
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Lecturer <i>Computer Science & Engineering Department, Primeasia University</i> Responsible for carrying out teaching and designing of courses and material on Computer Science courses.	Dhaka, Bangladesh June 2014 – Jan 2015
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TECHNICAL SKILLS

Programming Languages: Python (Pandas, NumPy, Scikit-learn, NTLK, etc.), Java, JavaScript, C, C++, PHP
Databases & Visualizations: SQL (Oracle, My SQL, SQL Server), Tableau, Power BI
Technology/Platform: Unix/Linux, Git, Jupyter Notebook, Microsoft Teams
Cloud & Data Solutions: Excel, Hadoop, Apache Spark, CI/CD (Jenkins), AWS, REST APIs, Matlab

RESEARCH PUBLICATION

Creep-Rupture prediction of Inconel 617 material using a Python-based Machine Learning Approach, ASME 2024 PVP Conference (Paper Number: PVP2024-121293)

ADDITIONAL

Awards & Scholarships:

CRA-W Grad Cohort, Washington D.C. (2017),
Commandants List Award & Scholarship (2012)

Service & Activities:

Judge at COURI Summer Undergraduate Symposium, Poster Presentation, UTEP (2017),
Moderator at Student Annual Interdisciplinary Research Symposium (STAIRS), UTEP (2016)