

MUHAMMAD ZAIN AMMAD

DATA ENTHUSIAST

PROFILE

Detail-oriented team player with strong organizational skills. Eager to learn new technologies with a high degree of consistency. I've explored various career paths and found that working with data not only fulfills me but also fuels my enthusiasm for the work I do

EDUCATION

Computer Systems Engineering

NED University (2019-2023)

Graduated with **3.85 CGPA**

EXPERIENCE

19 August 2023 - Present

- **Company** : Hertz Analytics
- **Job Role** : Data Engineer
- **Job Type** : Full time
- **Responsibilities**
 - Building ETL pipelines
 - API integrations
 - Creation and maintenance of Cloud functions and their schedulers on GCP
 - BigQuery scripting
 - Debugging production scripts

19 June 2023 - 19 August 2023

- **Company** : Hertz Analytics
- **Job Role** : Data Engineer
- **Job Type** : Part time

March 22 - April 22

- **Organization** : KDA
- **Job Type** : Internship

CERTIFICATIONS

- **Intro to Airflow @Datacamp**
- **Microsoft Azure Data Fundamentals**
- **AI For Everyone @ Coursera By Andrew Ng**

CONTACT

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🐙 <https://github.com/MuhammadZainAmmad>

🔗 <https://leetcode.com/MuhammadZainAmmad/>

PROGRAMMING LANGUAGES

Python



SQL



HTML, CSS, JS



SKILLS

API integrations



Data analysis



Data preprocessing



Data loading



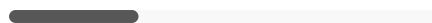
Airflow



Debugging



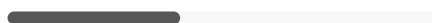
Google cloud platform



ANN & CNN



Web development



PROJECTS

• Capture Dress (FYDP)

- Image dataset preprocessing
- Label Encoding
- CNN implementation
- Flask Backend
- HTML, CSS, JS Frontend
- <https://github.com/MuhammadZainAmmad/FYDP>

• CGPA Predictor

- Exploratory Data Analysis
- Data Preprocessing
- Categorical Data Encoding
- Regression Models (Multiple Linear Regression, KNN, Decision Tree, Random Forest)
- https://github.com/MuhammadZainAmmad/ML_CEP

• BigQuery Table Analysis And Reporting

- Query the production db 'heirloom' table '20_listing_Proj' for different stats
- Send the result sets (stats tables) on slack in table format
- Send the result sets in a single email as different tables
- Schedule on Airflow
- Populate the data on google sheet for further analysis
- https://github.com/MuhammadZainAmmad/MySQL_hertz.git

• ETL For AutoHost and Asana

- Fetch today and onwards reservations that are confirmed but require manual review to be verified from **autohost api**
- Assign reservations that require manual review as asana task (only those reservations which are not already assigned as task) from **asana api**
- https://github.com/MuhammadZainAmmad/autohostApi_hertz