Hassan Berry

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EDUCATION

FAST NUCES
Bachelors in Computer Science
August 2016 - May 2020 | Karachi

DJ GOVT. SCIENCE COLLEGE
Intermediate
May 2016
Pre Engineering

ELECTIVES

Data Science
Data Warehousing
Probabilistic Programming
Deep Learning for Perception
Business Analytics Techniques

EXPERIENCE

FAST NUCES | Teaching Assistant
February 2020 – Present

- Conducted individual student assessments.
- Graded assignments and reviewed projects.

ACLAN PAKISTAN | Brand Strategist
November 2016 - Present

- Analysed user interaction times.
- Designed marketing and branding strategies.

FREELANCE | SEO Content Specialist
June 2019 – December 2019

- Created target specific keywords.
- Curated appropriate Niches.

SKILLS

- Python •R •Bash •MS Excel •Neo4J
- FireBase •C •C++ •MongoDB •Java
- Android •Pentaho •MySQL •Keras
- Git •TensorFlow •Julia •Tableau •LaTeX

EXTRA CURRICULARS

- Treasurer - Developers' Day 2019
- Head - Public Speaking House
- 6th best speaker - All Pakistan Declamation Contest '15

PROJECTS

MUNAZAM- A STUDENT ORGANIZER | Final Year Project
September 2019 - Present
Munazam is a student organizer application that caters to all the organizational problems that university students face. It has four major components; Workload management, Reminder management, GPA management, and Meeting scheduling. The technologies used are **Android**, **Java Spring** , and **SQL server** .

AMAZON BUSINESS MODEL ANALYSIS | Business Analytics Techniques
April 2020 - Present
Amazon's business model was studied, the **customer journey** was identified and mapped out, analytic metrics were identified and **KPI's** were created, and finally a complete data analytics **pipeline** containing various algorithms was established using **Python** and real world data.

IMAGE COLOURIZATION | Deep Learning Project
April 2020 - Present
A Kaggle dataset on Simpson characters was used to perform image colourization and classification. The solution was implemented using **Python**, **TensorFlow**, and various models were run including **CNN**, and **Pix2Pix**.

CENSUS INCOME PREDICTION | Data Analytics Project
May 2019
An income prediction solution on the UCI Census dataset. The solution was created using **Python** by implementing various classification algorithms.

VOLUNTEER WORK

Sindh Institute of Urology and Transplantation-Headed the student volunteer program by managing activities, planning events, and dealing with patients. Volunteered over 1500 hours.
Sheikh Zayed Medical City- Volunteered 150 hours at the psychiatric care facility, dealing with logistics and counselling.

CERTIFICATIONS

- Certified Data Analyst - **Karachi.AI**
- Advanced Data Science - **Next Generation Analytics**