

Ameer Hassan Saadat-Yazdi

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github.com/ameertg

EDUCATION

University of Edinburgh

BSc(Hons) Artificial Intelligence and Mathematics: First Class Honours

United Kingdom

Sep. 2018 – July 2021

PROJECTS

Musical Style Transfer | *PyTorch*

Jan - Apr. 2021

- Developed a novel method to train sequence to sequence models with GANs
- Trained model to rewrite pop music in the style of video game music.

A Topological Study of Brain Ageing | *Python, Jupyter notebooks*

Sep 2020 - Apr 2021

- Final year project
- Explored applications of topological data analysis to engineer features for age prediction
- Identified relationships between topological changes and known biomarkers
- Used these insights to detect Alzheimer's and built a classifier with state-of-the-art prediction accuracy

EXPERIENCE

Data Analysis Intern

Jun 2020 – Sep 2021

eybou.com

London, UK (remote)

- Independently developed an end-to-end pipeline to aggregate customer data using AWS and BigQuery
- Designed a data lake solution on AWS
- Created automated reports using SQL and google studio

Business Analytics Intern

Jun – Sep 2017

afiniti

London, UK

- Designed solutions to simplify workflow for new employees
- Edited and maintained SQL queries to identify anomalies in the AI system
- Prepared reports and presentations for meetings with clients

VOLUNTEERING

Animator

Ongoing

Junior Youth Spiritual Empowerment Program

- Work with 12-15 year olds to understand their role within society
- Facilitate discussions on important social issues
- Guide them to identify solutions to problems facing their communities, plan and undertake lines of action and reflect on what was accomplished

Year of Service

Sep 2017 – Aug 2018

Baha'i Community of Germany

Offenbach am Main, Germany

- Engage with local communities to identify and develop latent capacities to improve social harmony
- Focused on working with Arabic-speaking refugees and their surrounding community to find ways for them to integrate and develop the capacity to contribute meaningfully to their environment