Adel Azad

mba.azad1@gmail.com ❖ (086) 4577767❖ Dublin, Ireland

WORK EXPERIENCE

Financial Processing Associate - Global Markets   Sept. 2021 – Sept.2022
Exela Technologies   *Dublin, Ireland*
- Led the incoming FX collections team for Bank of Ireland. Responsibilities included handling the business process, such as documentation, data entry, administrative, banking and clerical tasks in extremely accurate time.
- Optimised the cheque cleaning process by 30 percent by implementing automated data processing techniques in Python
- Created and managed a SQL database of all active queries from foreign banks in order to better resolve pending actions in a timely manner according to our SLAs.

Academic Note Taking Assistant   Oct. 2019 – May.2020
Lucan Disability Action Group   *Dublin, Ireland*
- Responsible for attending lectures and taking notes on behalf of students that are less able to do so themselves.
- Organized and formatted notes with particular needs of the student in mind.
- Learned about different types of accessibility requirements for impaired people and applied them in practice.

Crew Member   Oct. 2017 – Sept.2018
McDonald's   *Dublin, Ireland*
- Provided excellent service to patrons and completed their orders in a timely fashion even in fast paced situations
- Prepared hot food in accordance to company food safety guidelines and maintained a clean work environment.

PROJECTS

Detecting and classifying laughter using deep neural networks   September, 2020
- Technologies Used: Python, Matlab, TensorFlow, Librosa, Keras
- Used MFCC and STFT to prepare the dataset for training.
- Modeled and trained a deep neural network to recognize laughter in audio files and differentiate it into distinct categories using K-nearest neighbor's algorithm.
- Reached 90 percent accuracy in Detection (Laugh or Not) and 67 percent accuracy in Categorization.

EDUCATION

Trinity College Dublin   May, 2021
B.A.I Computer Engineering   *Dublin, Ireland*
- Key Modules: Software Design and Implementation, Networking, Data Engineering ,Knowledge Engineering, Machine Learning, Scalable Computing, Security of Systems, Microprocessors 1&2, Concurrent Systems
- Finalist in Engineer's Ireland innovation competition for Trinity. (Concept on Rapid Fabrication of Structures using Additive Manufacturing Techniques)
- Chairperson of DU Engineering Society, Treasurer of DU Korean Society, Class Representative 3x

SKILLS & INTERESTS

- **Skills:** Python, C++, HTML, CSS, JavaScript, SQL, AWS, React, ARM assembly, Express, Node, MongoDB
- **Soft Skills**: Clear and Effective Communication, Ability to self-motivate/direct, Adaptable to new situations Great team player and dependable leader if needed.
- **Interests:** Badminton, Basketball, Going to the gym, Video Games, Travelling