

Abel Rajesh

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<https://github.com/abelraj20?tab=repositories>

Personal Profile

Third-year Physics with Data Analytics student at Dublin City University who is extremely motivated and on course to acquire a 2.1. Developed skills in the use of MS Office, Microsoft OS, Python and SQL through completing various college projects. Prospered strong teamwork and communication skills through engagement in multiple group projects and working part-time. Gained experience in both planning and executing desired tasks and adhered to strict deadlines. Seeking an internship role.

Education

Dublin City University

2022 - present

Bachelors in Physics with Data Analytics (Expected grade: 2.1)

Relevant Modules: Digital and Analogue Electronics, Advanced Programming, Databases and Data Visualisation, Semiconductor Physics

Project(s):

Kolmogorov Flow: Project established in Physics Laboratory module alongside a group. Performed a study on Kolmogorov flow by focusing on factors such as Lagrangian particle tracking, Reynold's number and Vorticity. Delegated tasks of project design, experimentation, data analysis and coding among team members. Developed a design for the project equipment on Blender and used soldering tools to create equipment. Utilised Raspberry Pi Camera to record data and python library trackpy for data analysis. Implemented presenting skills to display experiment findings to professors.

Europe Fuel Prices: Project managed Databases and Data Visualisation module alongside a group. Created an interactive visualisation that incorporated an interactive map and time series graphs relating to the fuel prices of EU countries. Conducted the project with matplotlib, NumPy, ipyleaflet, geopandas and SQLite as resources. Researched and compiled secondary data by data cleansing. Executed leadership role throughout the project and analysed group activities. Presented project to peers and lecturers through PowerPoint and Jupyter Notebook.

Rockbrook Park School, Dublin

2016 – 2022

Leaving Certificate: 542/625 Points

Languages: Spanish and Irish

Work History

Uniphar Group, Dublin 24
Warehouse Operative

July 2022 – Present (p/t)

- Collaborated with supervisors and colleagues to confirm operations ran smoothly
- Catalogued general stock and ensured the placement of items in designated areas
- Conducted routine inspections of incoming and outgoing pharmaceuticals
- Cleaned and maintained warehouse to keep a safe workplace environment

Cheeverstown Nursing Home
Caregiver

November 2019 - December 2019

- Managed and updated residents' medical records with accurate and timely entries
- Collaborated with the healthcare team to implement individualised care plans
- Co-ordinated with mobility and physical therapy exercises
- Maintained clean and sanitary living environments to ensure health and safety

Skills/Achievements

- Knowledge of MS Outlook, Teams and OneDrive
- Expertise in MS Office (Word, Excel, Powerpoint)
- Proficiency in HTML, CSS, Python and SQL querying
- Data management and visualisation
- Git and GitHub
- Received full driver's licence in 2023
- Achieved blue tag in Taekwondo
- Represented South Dublin and received 3 medals in Irish International Taekwondo Competitions
- Completed grade four in guitar with Trinity College London

Interests

- Play guitar as a hobby and also teach children in the local community
- Active member of energie fitness gyms, attend four times each week
- Practice Taekwondo for three years and have competed in national competitions
- Practice swimming in Tallaght leisure centre, attend once every week
- Member of DCU judo club, attend once every week

Languages

- Intermediate proficiency in Spanish and Irish from secondary level education
- Fluency in Malayalam as it is my native language

References

Available on Request