Ismail Darwish

Edinburgh, United Kingdom • ismail.a.darwish@gmail.com • LinkedIn • +447984251702

EXPERIENCE

Big Data Hybrid Intern   Aug. 2022 - Present
Vodafone | Cairo, Egypt
- Working as part of the Consumer Business Unit Department, specifically under the Big Data team.
- Used Unsupervised ML algorithms to create clusters to develop a geo-marketing and recommendation system.

Payload Engineer   Oct. 2021 - Present
Endeavour | Edinburgh, United Kingdom
- Worked as part of the payload team on designing and building a muon detector PCB using Altium 365.
- Currently working on the electrical architecture of the Darwin II payload which will participate in Euroc22.
- Working with the Payload team and Software team from Bayes on designing a CanSat for Mach22.

Summer Intern   Aug. 2021 – Sep. 2021
Nokia | Cairo, Egypt

- Attended a training program in which we covered topics including Mobile Network Optimization and Drive testing, Multiple access techniques (TDMA, FDMA, OFDMA, SDMA), Fibre Optics, 5g & IoT, and Machine Learning.
- **Awarded** the "Internship Star" award for exceptional engagement and activity.
- Worked as a part of a team to deliver a presentation on 5g to the Nokia MENA executive team for which we won the **best team award.**

Project Manager   Oct. 2020 – Mar 2021
UCAN | Edinburgh, United Kingdom

- Establishing and renovating the company's business portfolio and social media presence.
- Setting a timeline for the relaunch of the company for the academic year 2021-2022.
- Setting up a network of educational consultants and mentors.

Director General   Nov. 2018 - Mar. 2020
SAMUN | Riyadh, Saudi Arabia
- Founded and managed the first international Model UN conference in Saudi Arabia.
- Hosted and supervised a conference with over **500 participants** for two consecutive years.
- Collaborated with multiple schools and organizations across Saudi Arabia to promote MUN activities.

Intern   Apr. 2019 – Aug. 2019
Pyxidia | Cairo, Egypt
- Worked with a team of data scientists and gained experience in programming using R and the applications of Machine Learning in sentimental analysis.
- **Represented** the company in AI Everything! 2019 in Dubai and was praised for enthusiasm and effective communication with potential clients.

EDUCATION

The University of Edinburgh | MEng in Electronics and Electrical Engineering   Sep. 2020 - Expected May. 2025
- Treasurer, Egyptian Society
- Took an Introduction to Data Science course using R
- Participated in the DataFest 21 event

Cairo University | MATLAB Course, Computer Programming, Specific Applications   Aug. 2017

SKILLS

Programming with R | MATLAB | Solidworks |Python| Data Analysis | Teamwork | Public Speaking | Soldering| Proficiency in Arabic | Proficiency in English | Project Management | LTpice| Altium 365 | C Programming