

Nevil John

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Education

BSc (Hons), Environmental Science Nottingham Trent University, Nottingham, UK	2019 - 2022
American High School Diploma, Grade 12 American International School, Abu Dhabi	2017 - 2018

Experience

- Reception Officer (Bank Staff)** Nottingham Trent University , UK Oct 23' - present
- *Proving a professional and efficient front of house service support for all staff, students, and visitors to the University.*
 - *Recognise and deal with customer queries, requests, and problems either face to face, by telephone or in writing.*
 - *Provide a safe and secure environment through effective key control, buildings locking and unlocking procedures and supporting Security team to deliver a safe working environment.*
 - *Assist with fire alarm systems including the safe evacuation of buildings.*
 - *Undertake business administrative duties including the use of Microsoft Office Package and University bespoke software such as Facility, NOW, Estates Helpdesk, Campus Operations Helpdesk, CCTV*
- Sustainability officer Intern** Nottingham Trent University , UK July 23' - Sept 23
- *Worked with the travel and transport team to reduce the University carbon footprint across all 3 scopes.*
 - *Assisted with the daily management of various University strategies on Sustainability (Net Zero Carbon and Travel and transport) and gave a full administrative support to the Head of Operations and Senior Sustainability Officer.*
 - *Gained experience working in a customer/client focused environment (Nottingham City Transport, National Express and East Midlands Railway) as well as gained experience in organizing and delivering events.*
 - *Conducted site assessments across all four campuses to collect data and information regarding end of trip facilities and Sustainable Transportation which would then be added to the Travel and Transport Plan for the year.*
 - *Promoted various sustainable transport initiatives such as bike for hire and Kinto car sharing app.*
 - *Actively worked with other external organizations to provide discounts on public transport travel and helped to stay in lane with the plan of Net Carbon Zero by 2028.*
- Space Planning Utilization Team** Unitemps, UK Mar 2022 - June '2022
- *Part of the space planning team of Nottingham Trent University, Brackenhurst Estate.*
 - *Collected utilization data for the University at their Brackenhurst campus.*
 - *Main duty was to check every room to note down the activity in the room and then have a head count in order to note down the number of people available in the room.*
 - *This data was then submitted to the university to make decisions and implement changes in regard to student engagement and sustainable use of rooms and buildings.*

Projects

- Malham Tarn Fieldwork** Nottingham Trent University Oct 2021
- *Part of the Applied Hydrology Module team to conduct fieldwork in and around the Malham Tarn area.*
 - *Collected various data including stream flow data, water quality data, phosphate concentration, Nitrate concentration and rainfall summary to produce a Water and Phosphate budget.*
- Peak District Fieldwork** Nottingham Trent University Oct 2021
- *Collected samples and data from different parts of the Featherbed moss at the Peak District.*
 - *Sample sites had to be marked and located with a GPS, and the marked locations were then pointed onto a map which was made through the usage of Arc GIS*
 - *Through the method of kick sweep sampling, we were able to find out the different types of macroinvertebrates present in the area as well as water quality checks were done at the marked locations.*
- Derbyshire Fieldwork** Nottingham Trent University Sept '18
- *Part of the Environmental Science course team to conduct fieldwork in Derbyshire.*
 - *Visited various sites in Derbyshire such as King George V former quarry site, Calver Low, Mam Tor, Ricklow Quarry, Litton Mill Railway Cutting*
 - *The fieldwork was done to understand more about the different time periods. Various investigations were conducted to identify the different types of bedrock and layers. This helped me to understand more about the time period and the activities done in the area during that time.*

- A more focused role on helping 1st-year students to have a smooth transition into university.
- Help the students with any general Queries and make sure they get all the help they need.
- Provided help and support to several assigned students throughout the year.

Skills

Machine Learning : PyTorch, OpenCV, Tensorflow 1.x, PyTorch C++

Programming Languages : C, C++, Python, Matlab, PHP, Java, Assembly (MIPS), Shell scripting

Web : FastAPI, Vuejs, Django, Flask, Laravel, Node, ExpressJS, Javascript, HTML5

Database : MongoDB, MySQL, PostgreSQL, Neo4j, XQuery

DevOps : Docker, GCP, Amazon ECS, Azure Cloud

Selected Coursework

*Machine Learning I**

Artificial Intelligence

*Game Theory**

*Complexity and Adv. Algorithms**

Algorithms

Data Structures

Structured Systems Design

Engineering Systems

Introduction to Databases

Operating Systems

Computer Organisation

Graphics

Positions of Responsibility

FIFA Club World Cup – Accreditation Abu Dhabi, UAE

Nov '17 - Dec '17

- Voluntary work providing support to FIFA and Emirati Marshals.
- Acquired skills printing, laminating, and distributing the entry passes and tickets.

FIFA World Cup – Venue Management Abu Dhabi, UAE

January '18 - July '18

- Voluntary work providing support to FIFA and Emirati Marshals.
- Helped to always maintain the stadium and the spectators.
- Always ensured customer satisfaction.

Track team captain American International School , UAE

Oct '17 - Jan '18

- Helped the team to train.
- Provided motivational support.
- Played the role of the coach at times.
- Helped new students to keep up with the training.
- Always supported them at all times of need.

Extracurricular Activity

- Listener, 7 Cups, actively involved in sessions during 2016 - 17
- Teacher, Ashakiran - a program designed to help underprivileged children from surrounding schools and institutes (taught English, Physics, Science from 2017 - 2018)
- IIIT-H MUN: Member of Organizing Committee, 2016 - 17
- BeeTech co-founder - A medium publication started with the intention of providing consolidated "free" information regarding all things tech.
- OSDG Volunteer - Lead the rebuild some of the college applications (courier portal, recommendation system) using modern technologies (2020)

Work Authorization

- Available to work full-time/part-time on contract/freelance basis (remote/hybrid)
- United Kingdom - full work authorization.