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# TANVIR HUSSAIN

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## GRADUATE: SUMMARY

An analytical Electrical and Electronic Engineering Graduate with a committed focus in the engineering industry. I'm confident across all key electrical principles, from circuit theory, PLC programming, a variety of modern electrical machines and many more. I've gained knowledge through a variety of projects and modules, allowing myself to lead, design and successfully implement ideas in each application. With a theoretical versatile background, I'm a disciplined individual striving for constant progression for the past 7 years, while maintaining my education to achieve an Honours Degree from a recognised Russell group University, I've also participated with successful performing teams in the food, technology, and civil service industry.

### Core Modules Studied – Newcastle University – Full Transcript available.

- Electromagnetic fields and waves
  - Industrial Automation and PLCs
  - Semiconductor Devices and Analogue Electronics
  - Control and Electrical Machines
  - Signals and Communications I & II
  - Digital Electronics
  - Circuit theory
  - Engineering Mathematics
  - Photonics
- (BEng) Dissertation EEE3095 – Control Techniques Over DC/DC power converters

## WORK EXPERIENCE

**SMS Smart Manufacturing Solutions (NISSAN), 06/22 – Current Position**

**Nissan Motor Corporation – Sunderland**

Quality Control Inspector (Electrical)

- Testing and inspecting electrical Bosch MPB Navigation modules in development for the Nissan Hybrid Leaf 2022, safety voltage level checks, module diagnostics.
- Compiling safety analytics on components and parts for management and subsidiary clients for Nissan, such as new digital holograms and heads up display units, communicating effectively on drawbacks or issues during the project.
- Installation of software onto BOSCH electrical systems onto Nissan Qashqai's – Carrying out further basic electrical systems checks along the assembly line.
- Further development – Progress onto automotive electrical machines work, reading schematics, electrical circuits in due course to progress work onto the Nissan engineering development team. Hoping to collaborate/join them to demonstrate my academic knowledge and ability learnt through university.

**Manager (Part Time), 01/2022 – 06/2022**

**Grill and Chill – Peterlee**

- Restaurant Provided payroll reports, procurement of stock, staff rotas and legal compliance updates, confirming procedures and informing where required
- Initiated a 'Push and Pull' project in collaboration with the manager and a local competitor to increase revenue, reputation, and profitability.
- Developed partnership with suppliers and clients to improve the bottom line, managing to reduce annual expenses by 15% in 06/2022

**EO Passport Examiner, 02/2019 – 02/2022**

**Home Office – Passport Office – Durham, DUR**

- Create correspondence and reports using government systems to inform concerned parties of made decisions or appeals processes whilst analysing suitable options for applicants.
- Aid investigation of high-risk applications to determine decisions based on evidence and facts, adhering the complexity of each individual case.
- Collaborated across several departments within Civil Service reviewing vital examination documents and findings to produce detailed responses with fraudulent applications.

**Technical Analyst, 02/2018 – 10/2018**

**Convergys/Concentrix – Newcastle upon Tyne**

- Working with Vodafone, analysing performance patterns through testing and questioning, identifying technical issues with Vodafone's network for engineers and casework.
- Logging incidents, informing customers of potential fixes, delays and go live dates, ensuring first call resolutions are always achieved.
- Navigating complex software to complete diagnostics of Internet and Wi-Fi connections to conclude a fault or enhance network capabilities within a household or building.

**Assistant Manager, 03/2014 – 04/2018**

**Grill and Chill – Seaham, Durham**

- Restaurant Provided payroll reports, procurement of stock, staff rotas and legal compliance updates, confirming procedures and informing where required
- Played a key role in development by overcoming setbacks through collecting and assessing evidence from seminars, social media, staff, and customers
- Dealt with challenging customer/client complaints via email, telephone or first hand, ensuring satisfactory outcomes are achieved

## EDUCATION

**GCSEs, 2015**

**Seaham School of Technology** - Seaham

8 GCSE's

Mathematics, English Language and Literature, Science (dual award), Resistant Materials and Computing - Grade A-C

2 Free Standing Math Qualifications - Grade A\*

**NVQ Level 2:** Health and Safety, 2018

**Sunderland College** - Sunderland, SND

**NVQ Level 2:** Environmental Health and Awareness, 2018

**Sunderland College** - Sunderland, SND

**NVQ Level 3:** Engineering Extended Diploma, 2018

**Sunderland College** - Sunderland, SND

- Received Scholarship for £2000
  - Awarded Triple Distinction\* - Achieving the highest grade out of every single class member and student in the course.
  - Continuing education in Engineering due to progression and achievements.
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- **Bachelor of Arts:** Electrical and Electronic Engineering – 2018
  - **Newcastle University BEng Honours Degree – Graduated October 2022 –**

## ADDITIONAL INFORMATION

**References for all establishments and workplaces can be available upon request - Please do not hesitate to contact me for more information.**

My university journey can be discussed in further detail, during this time COVID19 began affecting my academic progression through several catastrophes, I continued my studies regardless, I am eager to enter a field at any level where I can be given the opportunity to demonstrate my true ability, knowledge, and work ethic in a better position of my life.

Grateful for your consideration,

Tanvir Hussain