Nicholas David Aldred

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PROFILE

I am a hardworking, ambitious individual who achieved a 2:1 in Electronic Engineering from De Montfort University. I am currently studying towards an MSc in Computer Science at Keele University alongside my full-time position as Purchasing Manager for J's Direct Electrics. I am a strong problem solver with a passion for programming, with knowledge in a range of programming languages and demonstrable communication and teamwork skills.

EDUCATION

Keele University – MSc Computer Science   **In progress – completion 2023**

This degree focus' on Design and Programming, Research and Consultancy Skills, Fundamentals of Computer Science, Software Engineering with Group Project, Statistical Data Analytics and Databases, User Interaction Design and Web Technologies and Security.

So far in this course, I have developed technical and transferable skills in:

- **Programming –** I already had a firm grasp on the Python language from online courses. This course has helped me further develop my skills.
- **Time Management** – By utilising a goal list and prioritising activities. I am able to hold down a full-time position whilst also undertaking a part-time degree, as well as finding time for online courses in coding and a social life.
- **Home work** – I am able to set time aside before and after work to complete my university work and assignments without getting distracted.

I am thoroughly enjoying the course and looking forward to further developing my skill set.

De Montfort University – 2:1 BEng (Hons) Electronic Engineering – Power Electronics and Systems Integration - IET Accredited   **2017**

This degree focused on Mathematics, Analogue Electronics, Digital Electronics, Principles of Design and Manufacture, Communication Systems, Applied Electronics, Embedded Systems, Electromagnetics, Project Management, Advanced Digital Design and Systems Integration

- **Dissertation –** I opted to base my final year project on Arduino code. The project was to design, implement and test an intelligent environment for honeybees. This was my first large software project involving code, and I enjoyed seeing through the project over the entire life cycle.
- **Team work-** During my time at university, I developed my team working skills by partaking in multiple group projects ranging from design and implementation projects to group presentations.
- **Project Management** – I completed and oversaw numerous individual and collaborative projects successfully over their entire life cycle.

Blackpool Sixth Form College   **2013**

- A-Levels: Electronics (B), Computing (C)
- BTEC: Engineering (D*D*)

Cardinal Allen Catholic High School   **2011**

- GCSE's: 10 obtained at grade A-C including Mathematics, English and Science.

- BTEC: Information Technology (D*D*D*D*)

TECHNICAL SKILLS

- **Programming:** Experience in programming across a range of languages and hardware coming from my university course and hobby work: Python, C, CSS, HTML, Arduino, MATLAB, VHDL, SQL, VB.net.
- **Technician:** In-depth knowledge of dealing and fixing computer hardware/software faults, acquired from a lifetime of fixing family, friends and works computers.
- **Software development:** During both my University courses and hobby projects, I have gained experience in developing software projects throughout the entire development lifecycle.
- **General IT skills:** Experienced user of Microsoft Office suite, with strong technical knowledge in hardware and software. Server hobbyist currently running a custom home server operating on Windows Server 2019.

KEY SKILLS

- **Working under pressure** – Work well under pressure to meet tight deadlines and restrictions in both my education and career.

- **Confidentiality** – In my role, I apply discretion and adhere to the company confidentiality policy.

- **Attention to detail** – Attention to detail was critical throughout the programming of my final year project to locate and prevent errors. It is also a significant part of my role as I examine invoices for errors before they are paid.

- **Research** – I completed in-depth background research during multiple research tasks throughout my first degree, including my final year project.

WORK EXPERIENCE

Purchasing Manager | J's Direct Electrics   **May 2017 to Current**

Full time position where I work as part of team, sourcing stock from suppliers to sell on to customers.

- **Problem solving –** On a daily basis I am required to solve problems such as sourcing new products, dealing with late delivery's and finding solutions for customers with special requirements.
- **Communication –** Using my communication skills, I have built up strong working relationships with suppliers in order to achieve the best possible discounts and prices.
- **Trustworthy –** I have full responsibility and control of a budget of £30,000 a month, which I use to purchase stock to generate the company profit.

Sales Assistant | J's Direct Electrics   **June 2012 to May 2017**

Part time position where I worked as part of a team selling goods to the trade and public.

- **Communication –** I learnt how to communicate and build up strong relationships with customers, which translated into repeat business and more sales for the company.

REFERENCES

References available upon request.