

Drew Morgan

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Personal Profile

I am confident, dynamic and have a keen interest in science and technology. I learn quickly, like to find novel solutions to problems and excel at complicated tasks, as demonstrated during previous employment. I possess strong subject knowledge in physics, maths, computing and music and have always had a passion for presenting and sharing knowledge.

Career History

Lecturer in Physics, Bury College (2012 –)

I have a tutor group of 20 and am responsible for half of the first year and all of the second year physics classes for the BTEC Level 3 Extended Diploma. I will handle five BTEC modules over the course of the year and will be responsible for the marking of over 1,400 assignments.

Teacher of Physics, The King's (The Cathedral) School (2012 – 2012)

Starting in January, I took over a previous teacher's timetable, including two sixth form physics classes and two high-achieving GCSE classes, taking care to reduce any anxiety caused by the sudden change.

Achievements

- Maintained continuity in students' studies.
- Showed flexibility and an ability to cover lessons at short notice.
- Kept a clear head, and approached all lessons with energy and enthusiasm.
- Consistently met deadlines.
- Offered support to colleagues around the school.

Service Quality Manager, X-Lab Ltd. (2008 – 2010)

My main responsibilities at X-Lab related to customer-facing operations, particularly presentations and new business, however I had a wide remit covering sales, marketing, tenders, business analysis, technical scoping and legal documentation, plus other administrative and financial tasks.

Achievements

- Built up a client base from scratch to cover the majority of laboratories in the UK.
- Developed web-based services for searching large datasets and processing laboratory data.
- Formed relationships with senior figures in Connecting for Health and the Department of Health.
- Oversaw a national sales and marketing campaign to create a popular, trusted brand identity.
- Managed a roll-out of the core product to twelve laboratories in the Greater Manchester area.

Education History

University of Leeds **2010-2011**
PGCE Secondary Science (Physics)

- Covered behaviour management and basic psychology and undertook three extended placements in secondary schools in West Yorkshire.

University of Leeds **2004-2007**
BSc Hons. Computer Science with Artificial Intelligence – 2:1

- Covered algorithms/data structures, programming, software development, computer system design, advanced mathematics, networking, security and graphics.
- Studied all available modules on artificial intelligence, including audio and image processing, bio-inspired computing, computer vision, natural language processing and knowledge representation.

University of Leeds **2002-2004**
BSc Hons. Physics – Completed first two years

- Covered all aspects of physics, achieving highly in mathematics and computing modules. Scored well in practical/laboratory sessions and gained valuable problem solving skills.
- After discussions with peers and relatives I decided on a future in computing. Studying physics was an important and interesting step, but I felt that I would gain more from computing.

St. Peter's Collegiate School **1995-2002**

- A-levels in maths, physics, chemistry and further maths and an AS-level in music.
- 9 A* to A grades at GCSE, including double science, English language and literature, maths and IT.

Other Qualifications and Achievements

- University of Leeds Computing Department: BIT'94 Prize. From their web site:
"The prize will be awarded to the student who does most to foster good interaction of either an academic or social nature between staff in the School of Computing, students in the School of Computing and otherwise disparate members of the University or wider community."
- Treasurer/President of Leeds University Union Computing Society, 2005-06/2006-07.
- Treasurer of Leeds University Union Jiu Jitsu Society, 2004-05.
- ABRSM: Grade 8 Tuba, passed with distinction. Grade 7 Piano, passed with merit.
- KIC FM: Co-hosted a Sunday morning show. 2 awards: Best News Presenter, Best News Team.
- The Jitsu Foundation: Orange Belt.

Interests and Activities

I have long been fascinated by science and technology and have an innate curiosity about how and why things work; I try to approach new ideas and situations with an open mind. I like learning new skills and can climb and diabolo happily; I also play piano, tuba and guitar and in 2000 joined the Wolverhampton Youth Orchestras, composing an 8-minute piece in 2005 which featured in their European tour. More recently I was a member of the City of Bradford Brass Band for a year before leaving to concentrate on the PGCE. I have since made educational videos and posted them to Youtube.

References available on request.