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OBJECTIVE

Since gaining a BSc Computer Science & Artificial Intelligence from The University of Sussex I have worked in project administration and, more recently, web development and now seek a position where the knowledge and skills I have developed so far can be extended.

KEY SKILLS

- Practical experience of emerging Internet technologies such as XML and XSLT as well as those already in widespread use e.g. (X)HTML, CSS and JavaScript.
- Practical programming experience in a variety of languages such as Java, C\C++, Delphi, Perl and PHP obtained through my degree, commercial work and personal projects.
- A good understanding of Computer Science principles and Artificial Intelligence techniques including their application to a wide range of target areas such as data mining, problem solving and knowledge representation.

EDUCATION

University of Sussex
Brighton, Sussex 2001-2005
BSc in Computer Science & Artificial Intelligence.

My chosen degree programme placed great emphasis on providing students with both theoretical understanding and practical experience of the majority of the topics covered. As a result I was able to develop my existing programming skills and gain experience of new programming languages. I learned to work well in teams and individually, to devise creative solutions to problems. I improved my ability to present ideas and work (both verbally and on paper) and, through ongoing assessment, to work to strict deadlines.

The degree concentrated on the fields of computer science and AI in equal measure. Modules related to the computer science aspect provided me with a good overall understanding of the design, construction and operation of computer hardware, operating systems, software and networks while modules relating to AI complemented these by examining all areas of work carried out in the field of AI/ALife. This has given me an excellent level of experience in many AI techniques such as Neural networks, Knowledge Based Systems, Genetic Algorithms, Computer Vision and Data Mining as well as a good grounding in many of the philosophical questions related to the concept of AI.

The Open University
Milton Keynes, Buckinghamshire 2000-2001
Artificial Intelligence for Technology (T396).

White Cross Adult College
Lancaster, Lancashire 1996-2000
A-Level Equivalent English.
GCSE Equivalent Mathematics & Media Studies.
ABRSM Music Theory Grade 7.

PROFESSIONAL EXPERIENCE

Web Developer

Angel Yarns

2007 - Present

Portslade, Sussex

Angel Yarns are an established online retailer that has recently expanded their operation to include baby & maternity products via their new site – www.lilimay.com. My primary role within the company is one of Web Developer although the position encompasses work ranging from that of a web editor to IT hardware and software support as and when required. My main responsibilities are:

- The creation of pages for the latest product ranges – liaising with suppliers and researching the products, maintaining competitive pricing and having responsibility for all front-end XHTML coding, images, editorial content, back-end SQL database integration and testing.
- The optimisation and improvement of all aspects of back-end and front-end code and to improve the 'user experience' of the site wherever possible.
- To monitor the search engine ranking of the site or individual pages and, where possible, to improve upon it.

IT Administrator

Generic Software Solutions

2005

Lancaster, Lancashire

GSS produce a Windows based software application that provides data-bus monitoring, data logging & simulation tools for avionics protocols such as MIL-STD-1553 & STANAG-3910. Their software is currently used by aerospace & avionics companies within Europe and the US. My main responsibilities within the company were:

- The documentation of all software testing procedures detailing the tests performed, outstanding defects and the current development status of the application.
- Developing usability tests and individual defect tests for the application.
- Conducting research into alternative approaches to project management, software deployment and the development process.

Customer Sales Assistant

The Co-operative Group

2003-2004

Brighton, Sussex

- Providing a timely and efficient service for customers.
- Assisting with stock deliveries.
- Answering customer enquiries.
- Maintaining adequate stock levels within the premises.

INTERESTS

I have played guitar, on an amateur basis, for about 12 years and have gained an interest in all aspects of music since studying it at college. I read a wide range of books – both fiction and non-fiction and like to keep myself informed about current events in many subject areas.

REFERENCES

Dr Sharon Wood
Dept. of Informatics
University of Sussex
Falmer
Brighton

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