

John Kershaw

Education

2008-2009 The University of Manchester **MSc, Advanced Computer Science**

Building on the three year BSc Computer Science courses, the MSc course gave additional teaching in a number of areas including Computer Security, Mobile Computing and Future Multi-Core Computing.

As part of the Masters degree I wrote a dissertation on evolutionary computer simulations. The dissertation discussed a Java simulation I created in which a grid of artificially intelligent units replicated and evolved to advance their collective, simulated brain.

2005-2008 The University of Manchester **BSc, Computer Engineering 2:1**

Run by the Schools of Computer Science and Electrical and Electronic Engineering the course covered the standard Computer Science fields (mathematics, business, software engineering, high to low level design, networks etc.) as well as the engineering aspects (system-on-chip design, machine code and physical design of logic circuits) involved in computing.

1997-2005 Queen Elizabeth School

A Levels: Mathematics (B), Physics (A), Computing (A), Electronics (A)
GCSEs: 9 (2A*, 6A, 1B) including Mathematics (A) and Science (AA)

Work Experience

2007 Summer Intern at Symbian

For the summer of 2007 I stayed in London and worked in the graphics department at Symbian, makers of the mobile operating system. Whilst there I learned and programmed in Symbian C++. One project I worked on was a smooth image slide-show program that demonstrated Symbian OS's ability to use OpenGL and OpenVG.

2008-Present Freelance web developer and consultant

I have worked with several individuals and companies on a freelance basis assisting them with various web technologies. These include streamlining and improving PHP and MySQL based Wordpress publishing platforms, as well as creating and consulting on more complex custom created pieces of software.

Skills and Interests

I have had direct experience using the following languages; PHP, MySQL, CSS, Java, JavaScript, Visual Basic, C, C++, Symbian C++

Whilst at The University of Manchester I was the "Captain" (Co-Founder and Chair) of the Manchester Pirate Society. The society held weekly meetings and regular, large events for two years. Within its first year the society became the largest non-religious group at the university.

In my spare time I run a popular online videogame publication named Nukezilla. The site enjoys many thousands of readers per day and has a volunteer staff of around 30 individuals. I act as the Editor in Chief

as well as the site's technical administrator. Coordinating writers, editors and photographers from all around the globe is a challenge, but one I very much enjoy doing. Working in this capacity has taught me a lot about leadership, motivation, online logistics and teamwork.

As well as the managerial position I also maintain the back-end systems the website runs on. The website uses a lot of custom code, handwritten and maintained by myself to add unique functionality, security and instant scalability. Again it can be very unpredictable and challenging, but it's also very enjoyable.

References

References available on request.