

Profile

I am currently looking for a C++ development role. I have a years industrial experience as a Junior C++ Analyst Programmer, some experience in IT support and a Masters degree in Digital Culture and Technology. I program C++ in my spare time, posting code on sites like planetsourcecode.com and allegro.cc for review by peers.

Education / Qualifications

Kings College London 2004 - January 2006:

MA Digital Culture and Technology: Merit

Keele University 2001 - 2004:

BSc (Hons) Software Engineering: 2:2

Stafford College 1998 - 2001:

GNVQ: Advanced Information Technology: Distinction

A-Level: Psychology

Walton High School 1993 - 1998:

GNVQ: Intermediate Information Technology: Distinction

GCSE: Six GCSE's Grade B

Skills

Programming Languages: C/C++ (Allegro, STL, MFC, Boost), Java (J2SE, Applets), Visual Basic, PHP, Gameboy Development Kit

Web Based Languages: XML, XSLT, HTML/XHTML, CSS, AJAX

Scripting: JavaScript, Batch Files

IDE's: Visual Studio, NetBeans, Eclipse, Gel, Dev-C++

Databases: Oracle (8, 9, 10, XE), Sybase (5.0, 8.0), MySQL

Operating Systems: Windows, Linux, DOS, Windows Server 2003

Installation Systems: NSIS, Install Shield

Network Analysis: Wireshark, Cain & Abel, WinPcap

Other: Tortoise CVS, Subversion, Apache, Apache Fop, Apache Tomcat, Sybase EAServer, Bugzilla, Fogbugz

Employment

Employer: Origin Data Realisation LTD / Red Box Recorders

Job Title: Junior C++ Analyst Programmer

From: 11th November 2007

To: Present

Junior C++ Analyst Programmer developing VOIP recording solutions. Areas of focus included improving existing solutions for recording Avaya, Nortel, Cisco, Ericsson and SIP VOIP calls, and implementing new solutions for VOIP providers such as Panasonic. Some other important protocols looked at include, H225, Q931, and MGCP. I was also involved in back end development for our web front-end through the form of an ISAPI DLL. I was required to do front-end development which was generally, Javascript heavy, with a little HTML/XHTML on top. I also spearheaded a move to a more dynamic web-solution where possible by introducing the use of AJAX to the recorder front-end. The code produced in this role adhered to C++ Standards as strictly as possible, where possible using VC6.0 SP6.

At Red Box I saw through a number of important projects including the implementation of a number of features, the biggest being a search filter mechanism for our recording software. I was also involved in a number of bug fixes large and small in numerous areas. Through this work I have developed an improved problem solving ability and a better grasp for meeting deadlines. For the role I have been required to pick up a knowledge of Wireshark and WinPcap, analysing data at the network level, some of the time, where standard protocols haven't been available, taking the data in traces and figuring out how best to use that data as reliable signalling for the recorder.

Employer: Risk Decisions LTD
Job Title: Technical Support Assistant
From: 22nd May 2006
To: 7th May 2007

First and Second line support for a software suite providing a set of enterprise risk management solutions to organisations. Dealing with clients ranging from the Ministry of Defence to the utilities and construction companies. Required to give support ranging from installation issues to the usage of the software and risk management best practice. At times I was required to discuss possible system architectural solutions for running various versions of the software in different operating environments. Internally I provided software QA, testing the software at various stages of development as part of the release cycle or part of the support process. As part of the QA process I was asked to provide solutions that the users could implement themselves.

- First and second line technical support
- Technical Authoring
- Software QA (Primary tester for Predict! Risk Controller Lite)
- Oracle Installation, Support and Development
- Internal I.T. Support
- Central focus of communication between clients, sales and development teams
- Knowledge of software release cycle and the software development process

Jagex LTD (Work Experience) Games Content Developer 18 th April 2006 20 th April 2006	HMV Trocadero, London Shop Floor Assistant 13 th February 2006 13 th April 2006
HMV Selfridges, London Seasonal Temporary Staff 16 th November 2005 1 st January 2006	Kings College London Exam Invigilator 10 th January 2005 14 th September 2005
HMV, Hanley Shop Floor Assistant 14 th May 2003 29 th February 2004	Poundstretcher LTD, Stoke-On-Trent Shop Floor Assistant 16 th October 2001 29 th March 2003
Poundstretcher LTD, Stafford Shop Floor Assistant 8 th September 1999 12 th September 2001	Shugborough Shooting School, Rugeley (Casual) Trap Operator/Referee 25 th September 1997 10 th March 1998

Websites

www.exponentialdecay.co.uk - A portfolio website I created to exhibit a number of sample applications I have produced in C++ and Visual Basic and some of my university work.

Interests

My personal interests include music and film; watching various sports; reading; computer games; programming and computing. I enjoy the design and development of ideas, new and old across a broad spectrum of areas.

References

References provided on request.