

Richard Collins

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Date of birth 13. Mar 1982

Nationality British

EDUCATION

2001–2005 Queens' College, Cambridge University

2005 Certificate of Advanced Study in Mathematics (Part III)

2004 Mathematical Tripos, Part IIB, **2.i honours**

2003 Mathematical Tripos, Part IB, **1st class honours**

2002 Mathematical Tripos with Computer Science, Part IA, **1st class honours**

2000–2001 Gap year – see Employment section

1994–2000 Poole Grammar School, Dorset

A level Maths, Further Maths, Physics, German, all grade **A**

STEP Maths Papers 2 & 3, both grade **1**

GCSE Maths, Physics, Chemistry, French, Art at grade **A***, 3 subjects grade **A**

EMPLOYMENT

Sep 2005 – **Consonica Ltd**

May 2006 At Consonica I was one of just two software developers, including the MD. This meant that I was directly responsible for much of the code that was produced, and had a major role in the design of the products.

One of our products used Microsoft Virtual Server to enable virtual computers to be quickly and automatically configured with software, allowing developers to test their own software on a series of configurations.

Another product was designed to help software teams and companies to manage the discs they receive from MSDN Subscriptions. It allowed them to select the software of interest to them, and have this software copied to a local network store by following a simple set of prompts for the appropriate discs. On this product I had sole responsibility for designing and implementing the user interface.

Both of these products were developed in C# under the Microsoft .NET framework. I also worked on producing custom ASP.NET components for the company's website, and on unit and performance tests for the company's various products.

Jul – Sep **Informotech Ltd**

2004 Designing and implementing an ATE program for testing an aircraft engine-management unit.

Nov 2000 – **Datel Communication Systems Ltd**

Sep 2001 The company produces software for recording details of telephone and data cabling infrastructure in large institutions. I did programming for this product, working in Visual Basic and SQL.

Sep 1997 **MF&T Ltd**

Designing a filter casing on computer using AutoCAD, which was subsequently put into production. (*Unpaid work experience, 2 weeks*)

SKILLS

- Experience of using, administering and programming for Windows 95, Windows NT/2000/XP and Linux.
- Very good experience in programming, particularly in C++ and C#, both from employment and from working on personal projects in my spare time. I also have a good knowledge of Java, Visual Basic and SQL (using Microsoft SQL Server).
- Good experience in producing documents in MS Word, Latex and HTML (including CSS and cross-browser compatibility), with a good eye for detail in accuracy and consistency.
- Good experience in Microsoft Office products, including Word, Excel, PowerPoint and Visio.
- Conversational and written German, as well as basic French (A* GCSE).

ACTIVITIES & INTERESTS

Societies Technical Director and Computer Officer of Queens' Films, which involved projecting films to an audience using both digital projection and 16mm film projectors. Also computer officer for CU A-Capella Society.

Music Singing in a college a-cappella group. Also play guitar and piano for pleasure.

Sport Taekwondo, rowing (in an 8-man boat), running and squash.

Other Walking, juggling.