

Curriculum Vitae

Adam Cobb

Personal Information –

Name:	Adam Cobb	Date Of Birth:	18/06/1983
Home Address:	Contact me for details		
Home Number:	Contact me for details	Mobile Number:	Contact me for details
Nationality:	British	Driving Licence:	Full / Clean

Key Skills –

- ✓ **Development** – I have very large working knowledge of a lot of software packages / languages / development environments, including: **C++**, **C#**, **.NET** 3, 3.5, 4, Visual Studio 6, 2008, 2010, **WCF Web Services**, **LINQ**, Rational Clearcase, SVN, Mecerual, Kiln, FogBugz, **Team City**, Eclipse, Java (including some J2ME and J2EE knowledge), **Python**, SQL, T-SQL, **SQL Server 2008**, **Oracle**, SQLite, HTML, various scripting languages (particularly Javascript), **CSS**, **WPF**, XAML, **Entity Framework** and **RIA Services**, **Silverlight 4**, NaNT scripting, Telerik Controls and Reporting. Experience in **embedded systems** particularly in **IP Phones** working in embedded development and **Linux/Unix** based systems. I also have a good knowledge of **SIP**, **H323**, **RTP** and many other aspects of **VoIP** and telephony.
- ✓ **Agile Processes** – My employment at Siemens Communications allowed me to gain further skills in development using agile processes. Putting to practical use all the principles of **Extreme Programming**, **Scrum**, the **Rational Unified Process** and **Test Driven Development** as part of a large team on a very large enterprise scale project. These processes and paradigms helped me to formulate my own ideas on successfully managing projects and as my responsibility has increased I have put more of these into practice, along with my own ideas and experience as I develop my own software development and management style further.
- ✓ **Communication** – My employment at Red Box and Siemens greatly improved my communication skills through having to deal with a wide range of clients and customers as well as successfully getting across my ideas and designs as my level of responsibility increased over time. During my time at university I was introduced to presenting my ideas in front of a group, which improved my confidence particularly and led me to work and present more effectively in my future roles.
- ✓ **Team work** – I always work well in team situations, always giving plenty of input and listening to others ideas. I can also work well on my own - being a relatively small company a lot of the projects undertaken at Red Box were solo projects and all were successful, often being completed early and a lot of which were certified integrations with our partners. I now consider myself a very good team player, able to move between roles of the team as and when required. Running my own team now, I feel I have a great deal of experience in how to work with people well and how to encourage other people to work well together.
- ✓ **Hardworking** – I am a hardworking person, and I tend to be very organised. I like to see problems through to the end and dislike leaving things unfinished. This is particularly true in my current employment, where I now have responsibility not just for myself, but for others too. Where higher management have entrusted me to make sure a project is successfully and that I can get the work done to the standard our customers expect, in the timescales they expect. Being naturally organised, I am comfortable in this position and able to bring everything together to succeed.

Personal Interests –

I have always had a very strong interest in computers and technology most particularly in software development. I also have a strong drive for personal improvement and as such I am always looking to learn about new technologies, development paradigms or techniques. I have created three websites, one for myself, one for my school and one for a local joinery business. I initially taught myself the BASIC language, programming in Quick Basic and Visual Basic creating several programs in my spare time. I always enjoyed

doing this and found the move to more powerful languages such as C++ and Java at university relatively easy. I am the kind of person who likes to solve problems, if I get a programming related problem I enjoy finding a way to solve it and seeing the final product of this. As I have gained experience my interests have started to turn towards the processes and techniques behind developing successful software, how to improve upon them and how to manage others developing software well.

I enjoy doing a variety of sports and activities including tennis, badminton, swimming and going to the gym. Previously I took part in several fencing competitions as part of a team and went to a swimming club for 4 years. I now play badminton several times a week and try to keep up with the swimming as much as I can.

I previously undertook a voluntary role as a **business advisor** for a **Young Enterprise** company at the Nottingham Boys High School, this involved weekly meetings and providing assistance to the students running the company throughout the school year.

Education –

November 2011

JB International – Tailored training course for my team, Entity Framework, RIA Services and MVVM

October 2011

Learning Tree International - SQL Server 2008 Transact-SQL Training Course

2005 – 2007

Siemens Graduate Training Scheme – Modules included Project Management, Communications, Team Work and Business Writing.

Sep 2001 – June 2005

Sheffield Hallam University – BSc (Hons) Computing (Software Engineering)

Year 4 Modules

Project and Professional Development (double module)
Management of IT Projects
Case Studies in Software Design
Formal Software Development
Advanced Web Applications

Final classification: 2:1 (67% average)

Year 3 –

Sandwich placement year at **Siemens Communications** in Beeston, Nottingham. The year was spent developing software for IP Phones in embedded C. Throughout the year I gained experience in all stages of the software product life cycle, from initial design, implementation, right through to testing and debugging. I also gained **sponsorship** for the final year of my degree from Siemens.

Year 1 Modules (Year mark 76.5%)

Maths for Computing
Professionalism and Communication Skills
Information Systems
Introduction to Programming
Component Programming
Computer Architecture and Networks

Year 2 Modules (Year mark 67%)

Database Systems
Web Based Systems
Principles of O-O Software Construction
Networked Software Development
Software Engineering Concepts and Methods
Games Programming

1999 – 2001

Carlton-le-Willows Sixth Form, Gedling, Nottingham

A-Level

General Studies
Design and Technology
Maths
Physics

Grade

B
C
D
D

1994 - 1999

Carlton-le-Willows Secondary School, Gedling, Nottingham.
11 GCSE's Grade A* - C including Maths and English

Employment –

March 2008 – Present

Red Box Recorders Ltd, Tollerton, Nottingham

Currently a senior software developer, in a lead developer / team leader position. I manage a team of three developers and we are building a Silverlight 4 web application to integrate with our core recording product. This application is integrated with SQL Server 2008 and is built using Microsoft's Entity Framework conceptual database layer as well as RIA Services to expose the entities to the Silverlight client application.

My time at Red Box began with me working as an Analyst Programmer, already experienced in developing C++ for VoIP phones as well as network protocols and audio, working in the areas of core connectivity in the voice recording product, integrating with third party phone switches and developing new recording features under a Windows C++ environment. As time progressed I started moving into C# development, gained extensive experience in .NET 3.5 and 4 as well as Microsoft's WPF / XAML when working on the web applications that provided the front end to the recording software.

My experience in web development generally was greatly improved during this time, gaining new skills in advanced Javascript and CSS as well as significant input into the backend of our web applications which were built in Python.

As well as the development and increased responsibility in terms of managing other developers, I also took on further roles within the company which included being part of a training steering board, as I believe continued personal development is very important and wanted to take an active role in this. I was also part of a small side project team to migrate our source code to a new source control system and design the branch structure. I often visited customer sites and worked closely with our partners to integrate solutions. To help facilitate better communication between developers and reduce distractions I helped set up an internal instant messaging server and encouraged its use as an alternative in some situations. Finally, I liked to arrange regular social outings and nights out as I think everyone works better together if they can socialise together as a team every so often.

June 2005 – March 2008

Siemens Communications, Beeston, Nottingham

I started as a Graduate on the Siemens Graduate Development Programme, completing the 18 month programme which included a variety of courses that covered areas such as Project Management, Communications, Team-working and Business Writing. I have gained invaluable skills in these areas through the courses as well as networking with up to 80 other graduates from other areas of Siemens.

Spent the majority of my time here working in several roles within embedded systems on a large-scale VoIP project, seeing it from initial inception stages all the way to market. This project involved applying agile development processes extensively (Extreme Programming and scrum primarily) and use of Test-driven development with CppUnitLite.

For the first six months I was part of the core framework team on the project, who were responsible for developing a core Service Oriented Architecture in C++ for the IP phone. This work involved a lot of UML design and pattern implementation, with extensive use of the STL for data structures and common types.

This development was all performed in a Linux development environment, developing for both the X86 and MIPS platforms. We were also developing FIT tests, which were used as acceptance tests.

My role continued to evolve into further framework/services development but more in the area of data management and helping to develop the phones decentralised data architecture. Implementing a generic access service for our SQLite relational database and working on the layers above this that provided an XML interface to it.

Finally, I spent some time maintaining and supporting the product, gaining valuable experience within a variety of areas. Notably, Audio/Media and Signalling – knowledge of network protocols, codecs and tone generation, sockets and the underlying communication mechanisms, LDAP directory access, web-based management and further experience with XML and data management.

June 2003 – September 2004

Siemens Communications, Beeston, Nottingham

Full-time on a year's placement as part of my degree, in embedded systems on the IP Phone project. Gaining experience in Java and embedded C.

Sep 2002 – June 2003

Wm Morrison PLC, Hillsborough Sheffield

Part Time Check-out Operator

June 2002 – Sep 2002

MCR Products, Nottingham

Worked over summer doing data entry and general admin/office work.

Feb 2001 – June 2002

WM Morrison PLC

Part Time Grocery Assistant, checkout operator

Oct 2000

Ramesys System Support, Bilborough, Nottingham

Work Experience – System Support, Building and maintaining computers and computer peripherals

References –

Graham Haythornthwaite
Software Development Manager
Red Box Recorders Ltd.
[Contact me for details](#)

Personnel Administrator
Siemens Communications
Technology Drive, Beeston
[Contact me for details](#)