

Personal Details

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Date of Birth: 8th March 1983
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Education

2001 – 2006 **Imperial College London** **London, UK**

Electrical & Electronic Engineering (MEng). Upper second class honours.
Focus on communications, signal processing, control and power engineering.
Awards: 4-year sponsorship by Infotec Ltd.
Individual project: *Visual Object Tracking and Recognition* – software implementation of a system to track and recognize moving targets in CCTV images.
Other significant projects:
Team leader for second year report on *Ubiquitous Computing*.
Team leader for third year design project in *Presence Detection*.
Simulation of QPSK spread-spectrum CDMA communications system in MatLab.

1997 – 2001 **Ashby Grammar School** **Leicestershire, UK**

Five A-levels in :-
Maths [A], Further Maths [A], Physics [A], Geography [B], General Studies [A].
Nine GCSEs (eight A*, one A).

Employment History

Aug. 2006 – Present **Detica – Consultant**
Detica is a business and technology consulting firm that specialises in Information Intelligence.

Project experience:
Translation of a major Detica product API to meet customer requirements for standardisation. Programming in C++ on Linux. Particular emphasis on Object Oriented design in the implementation and understanding of technical specifications. Gained familiarity with Linux development environment and standard tools (make, CVS, Doxygen, rpmcreate etc.).

Jun. 2001 – 2006 **Infotec Ltd. – Engineering Assistant**
Infotec specialise in the design and production of LED and LCD based information displays.

Personal projects:

- Investigated and demonstrated the advantages of using an Embedded Linux OS on ARM, x86 or ColdFire for Infotec's next generation large-format display controller.
- Evaluated the capabilities of open-source software to provide a means of laying out and displaying rich graphics on next generation products, with particular focus on the web application model (XHTML, JavaScript, CSS, PHP and SQL).

Responsibilities included:

Documentation and presentation of research and ideas. Correspondence with external sales and technical representatives. Awareness of the budget constraints, the company's market position and development needs.

Skills

Writing and presentation

- Wrote many technical and lab reports, responsible for editing of second and third year group projects. Documentation of software produced at Detica and Infotec Ltd.
- Numerous technical presentations at Infotec Ltd, also jointly delivered second and third year group project presentations.

IT and computer

- **Operating systems:** Windows and Linux.
- **Programming:** C/C++, MatLab, Delphi, Assembly.
- **Web/Graphics:** (X)HTML, JavaScript, PHP, SQL, CSS, Photoshop, Illustrator, Fireworks.
- **Simulation:** MaxPlus+II, OrCad Pspice,
- **Communication:** Microsoft Word, Excel, and PowerPoint.

UK driving license: Full/Clean.

Interests and Achievements

Music

- Spent two years on the review team at Imperial College Radio, assessing incoming promotional material and recommending for playlists.
- Regularly attends gigs and festivals.
- Avid collector of vinyl, especially seven-inch singles.
- Two years into learning to play the electric guitar.

Art

- Graphic design in spare time, for web and print. Branding of the community website of a group of ex-Imperial friends.
- Hyde Park Relay 2004 logo competition winner – printed onto 5000 t-shirts.
- Currently working on the logo for a startup film production company and its debut film's promotional material.

References

Available on request