

Robert Goldsmith

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Summary

Profile:

A skilled IT professional with a broad range of experience in programming, training, web design, networking and team management. Sociable, friendly and outgoing, capable of quickly adapting to new and changing environments and learning required skills. A flexible, committed individual with excellent communication abilities, both within a team and when representing a company.

Skills:

- Proficient in a number of programming languages.
- Thorough knowledge of all Microsoft Office products, Adobe Photoshop and Adobe InDesign.
- Competent presenter and lecturer.
- Proven abilities in maintaining and extending small networks.
- Experienced Linux and OSX user, programmer and advisor.
- Extremely familiar with Internet technologies and website design.
- Good time and resource management skills.

Achievements:

- Delivered multiple large websites as lead developer in a small team, on budget and schedule.
- Organised and maintained IT facilities for a number of conferences.
- Developed interfaces into proprietary company systems to enable closer workflow integration.
- Co-wrote and co-presented a top-rated undergraduate programming course.

Experience

Programming:

- Systems Integration; developing frameworks to leverage the capabilities of existing systems.
- Coding for research; including microcontroller firmware, USB driver and visualisation software.
- Open Source applications; including a GPG key-management plugin for Apple's Address Book.
- Experienced in: C, C++, Obj C, PHP, HTML, CSS, Javascript, SQL, XML / XSLT / XSL-FO.
- Working knowledge of: Java, Prolog, Perl, Flex, Bison, AppleScript, Visual Basic, Pop11.
- Development practices: version control (SVN, CVS), MVC design, software life-cycles.

IT Support:

- Advisory support for multiple IT projects within SP Group, working with the company IT team.
- IT support for a number of conferences held at the University of Birmingham.
- Maintenance of a small LAN for the Institute for German Studies, University of Birmingham.
- Mobile Systems Integration project for the Automotive department of the DTL.
- Representative on the School of Computer Science's Facilities Committee for 3 years.
- Various voluntary support and advice roles for local businesses and individuals.
- Experienced in: Linux, OSX, Apache, databases, email, networking, security.

Design:

- Development of high-visibility web sites using the latest web standards for large clients including: University of Birmingham, Bacardi Brown Forman Brands, Malmaison Hotels, Halfords, Spar.
- Various freelance roles for local businesses and research groups.
- Portfolio available at: <http://www.far-blue.co.uk>

Training:

- Regular provider of assistance and training support to junior developers within teams.
- Teaching Assistant on a number of undergraduate courses at the University of Birmingham.
- Co-designed, prepared and presented a 1st year student undergraduate course in programming.

Career Summary

- 2005– SP Group
Integration of various key proprietary IT systems.
Development of multiple high-profile client websites.
Writing of numerous Frameworks to provide easy access to advanced system capabilities.
- 2000–2005 School of Computer Science, University of Birmingham
Postgraduate research: Evolutionary Hardware.
Development of new hardware and software platform for robotics teaching.
Developing and teaching undergraduate AI programming module.
- 2000–2005 Various freelance contracts
Website, brochure, graphic and logo design, and video editing.
Clients include the University of Birmingham and the University of Edinburgh.
- 1998–2001 University of Birmingham
IT support for a number of conferences.
- 2000 Department of Trade and Industry (DTI), Automotive Department
Mobile Systems Integration project - integrating Psions, mobile phones and pc laptops.
- 1999–2000 Institute for German Studies, University of Birmingham
Support for a small network of 25 desktop machines and additional resources.

Education

- 1997–2000 BSc (Hons.) University of Birmingham
Artificial Intelligence and Computer Science (1st).
- 1995–1997 A-Levels. Lancing College
Physics, Maths, Computer Science, Information Systems, Chemistry (A,B,B,C,C).

General

Interests

- Walking
- Reading
- Rollerblading
- Kiteboarding
- Snowboarding

Personal

- Born 8th January 1979
- Full, clean driving licence

Referees

Mark Clews	Shaz Riaz	George Piponidou
MD, SP Group	IT Manager, SP Group	Previous manager, SP Group
mark.clews@spgroup.co.uk	shazr@spgroup.co.uk	george@piponidou.com

Additional contact details available on request.