

Stuart C.J. Rawling

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Object-Oriented Software Engineer with 8 years experience in various disciplines, including: Video Codecs, GUI design, Operating System Development, Database & Network applications and Web Technologies.

Skill Summary:

C, C++, Qt, Perl, Ruby, Python, Java, Embedded Development, Network Design and Administration, Windows Server, Unix, Linux, Mac OS X, Media Codecs and Transportation

Education:

University of Stirling, Stirling, Scotland

May 2002

UK B.Sc Computing Science
Minors in Philosophy and Physics
Grade Average 1C (Approx. 3.6 GPA US Standards)

All Saints Roman Catholic School, York, England

June 1997

A-Levels in General Studies and Physics (Associate Degree Level)
National Certificate in Information Technology (Associate Degree Level)
10 GCSEs

Work Experience:

Pelco

September 2003-Present

Clovis, California

Software Engineer 4 / Product Engineer

- Lead on many projects within the Endura product line, an enterprise class video surveillance system.
- Specializing in Media Codecs and Transportation
- Worked on all areas of product development, from conceptualization to successful product launch
- Managed groups of engineers
- Interfaced with customers to help best determine product requirements

Boosalis Technology

June 2002 – September 2003

Clovis, California

Lead C++ / Qt Developer

- Project leader and designer of a Expedited Courier Dispatcher Application
- Working mainly with C++ /Qt / MySQL / Linux and Windows
- Coordinated and supervised other engineers
- Database design, implementation, and maintenance
- User interaction analysis and design

Press Association of Great Britain

April 2001–June 2002

London, UK

Java / C++ / Perl Developer

- Position involved extending current software to provide new functionality for today's new media markets
- Personally responsible for the maintenance of a Film Archive Informix Database
- Deal with PA Customers (95% of British TV Stations and Newspapers) on a weekly basis

The White Bear Inn

September 2000 – April 2001

York, UK

Restaurant Manager

- Personnel and Financial management, purchases and other general management duties
- Provided a welcoming staff and environment for patrons

York City Council

January 1999 – September 2000 York, UK

Network Architect / Administrator

- Designed LAN for schools of 1500 pupils using Windows NT Server 4, and Linux servers.
- Responsible for the administration and daily maintenance of LAN and servers
- Worked within budgets
- Provided daily user information
- Network Security / Firewalls / VPN integration

Skills:

Software Engineering:

C / C++, Java,
Perl, Ruby, Python,
Qt Embedded, Qtopia, Qt 2.3 – 4.3
PROLOG (Research Paper)
UML
.NET

Media Experience:

MPEG4, H.264, MP3, Quicktime
RTP, RTSP, SIP

Platform Experience:

Linux, Windows, Unix, Max OS X
Embedded Linux Kernel and Driver Development

Web Design:

Macromedia Dreamweaver / Fireworks / Flash
JavaScript, PHP, Ruby, Rails
HTML & CSS

Databases:

ANSI SQL
INFORMIX, MySQL, Postgresql

Other Relevant Experience / Skills:

Excellent Spoken German Language Skills
Good French Language Skills
Taught internal company courses (Object Orientated Design and Principles, C++ to Java)
Strong oral and written communication skills

Activities, Awards and Achievements

Active Supporter of the Leonard Cheshire Trust (www.leonardcheshire.com)
Participated in sponsored fund raising event to the Western Himalayas.
York Under 21's Rugby Union team
Golf Team – Gold Captain 3 years
Awarded Lifetime membership of North Yorkshire Golf Clubs
Track and Field
Sportsman of the Year 1995
Yorkshire Long Jump Champion 1994, 1995
Northern England Triple Jump Champion 1993, 1994, 1996
British Athletics Association 5 Star Gold Award for Track and Field 1996
Yellow Tie School Athletics Award 1996
Duke of Edinburgh Award
Royal Institution Physics Project Award from the University of York
Member St Andrews Lutheran Church, Stockton, CA