

RICCARDO BENNETT-LOVSEY

PROFILE

- An experienced software developer and process manager with an exemplary academic background and a talent for high-technology business enterprise
- A clear and methodical thinker, with a considerable passion for robust design, able to balance short-term pressures with long-term objectives
- A resourceful multi-tasker, enthusiastic communicator and rapid learner who thrives as an individual but excels in a team environment
- A veritable jack-of-all-trades and master of several

KEY TECHNICAL SKILLS

- Programming
 - **Software Development Lifecycle (Rational Unified Process, Agile Development)**
 - **Object-/Service-Oriented Development and Design Patterns**
 - **C/C++, Perl, .NET, Java, SQL, PHP, Python, CGI, XHTML, CSS, Javascript, LaTeX**
 - Informal participation in **Open Source** project testing
 - Knowledge of **Open Source/Free Software Licensing and Copyright Law**
- Systems Administration
 - GNU/Linux: **CentOS/RHEL** (2 years), **Debian/Ubuntu** (5 years), **Slackware** (2 years)
 - **Apache2, Samba, MySQL, Subversion, PBS/TORQUE, SQL Server 2008**
 - **Relational Database Design**
- University level Mathematics
- Expert in **Bioinformatics**

PROFESSIONAL EXPERIENCE

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|---|---|----------------------------------|
| 2008 – Present | Orbis Investment Advisory Ltd (UK) | Programmer Analyst |
| <ul style="list-style-type: none">• Working the IT-Reporting division providing support and software development for the construction and provision of internal and external reports• Participated in numerous projects under Agile Development, including: a reporting framework now acknowledged as world class, and a validation framework using Inversion-of-Control with Spring.NET• Spearheaded a number of greenfield projects for Multi-Tiered communications systems utilising .NET 3.5 technologies, including: Multi-Threaded Service-Oriented-Architecture over WCF, client interface layers in WPF, data-persistence layers using LINQ and SQL Server 2008 | | |
| 2006 – 2008 | Equinox Pharma Ltd (UK) | Senior Software Developer |
| <ul style="list-style-type: none">• Working with David Gough (CEO) co-ordinating the early stages of company development, and engineering bioinformatics software for use in drug discovery• Designed a series of company Standard Operating Procedures for Software Development, Revision | | |

Control, Software Configuration Management and **Change Request Management** based upon the iterative **Rational Unified Process** for software development

- Chief architect and developer of the Equinox Pay-Per-Use online software platform (www.equinoxppu.com), developed using **Perl, CGI, PHP, C++, MySQL**, and **Design Patterns**
- Systems Administrator for: a 16 CPU GNU/Linux server farm, a 1.5 terabyte RAID 1+0 Samba file server, and the company Apache2 web server
- Helped develop the original business plan in 2006 to secure £1/2 million funding

2005 – 2006 **Imperial College London (UK)** **BBSRC/RSE Enterprise Fellow**

- Working with Equinox Pharma Ltd to commercialise Intellectual Property owned by Imperial College London as part of a BBSRCE Enterprise Fellowship

Summer 2002 **Serono Inter. S.A., Geneva (CH)** **Bioinformatics Researcher**

- Worked under Dr. Massimo De Francesco developing Bioinformatic tools utilizing MySQL, Perl, CGI, web-design, and data processing

Summer 2001 **Citrix Systems Ltd. (UK)** **Asst. Software Test Engineer**

- Worked under Nik Newark testing the Citrix Extranet Server internet security system, and the Java ICA Client program, on a range of operating systems including GNU/Linux, Unix, and all flavours of Windows

EDUCATION

2005 - 2006 **University of Dundee**
MBA – Academic Enterprise and Entrepreneurship

2002 - 2005 **Imperial College London**
PhD DIC – Bioinformatics

2001 - 2002 **University of York**
MRes – Bioinformatics

1998 - 2001 **Cambridge University (Trinity Hall)**
MA (Cantab) BA (Hons) – Natural Sciences (Biochemistry)
Part II – **2.1**, Part IB – **2.1**, Part IA – **2.1**

1991 - 1998 **Torquay Boys' Grammar School**
A-levels: Chemistry A, Biology A, Maths A, Further Maths A, General Studies A

ACHIEVEMENTS

- Winner – Imperial College New Business Ideas Challenge 2002/3
- Winner – Biotechnology YES UK Regional Final, 2004/5
- Runner-up – Biotechnology YES UK National Final, 2004/5
- Runner-up – Imperial College New Business Challenge 2002/3
- Finalist – Oxford University Global Business Plan Competition 2002/3
- Finalist – London Business Link Student Business Challenge 2002/3
- Trinity Hall (Cambridge) University Challenge Team Captain – 2000

- Langwith College (York) Graduate Treasurer and GSA representative
- Twice competed in the Senior UK Invitational Mathematics Challenge
- 3 Gold (and 2 Highest Score) awards from the Natwest National Mathematics Challenge
- 7 Annual School Awards (including Mathematics, Chemistry, and Biology)

OTHER ACTIVITIES

- Self taught in programming, computer hardware and web design
- Avid interest in wines and beer. I attend amateur tasting events and study the techniques of judging
- Dancing Cuban and American Salsa
- I enjoy learning foreign languages and am conversational in Italian, German and French
- Self taught harmonica player and jazz musician and regularly play local venues whenever possible

PUBLICATIONS

- **Bennett-Lovsey,R.M., Herbert,A.D., Sternberg,M.J.E. and Kelley,L.A.** (2008) Exploring the extremes of sequence/structure space with ensemble fold recognition in the program Phyre. *Proteins*, **70**, 611-625
- **Sanghani,P.C., Robinson,H., Bennett-Lovsey,R., Hurley,T.D. and Bosron,W.F.** (2003) Structure-function relationships in human Class III alcohol dehydrogenase (formaldehyde dehydrogenase). *Chemico-Biological Interactions*, **143**, 195-200
- **Bennett-Lovsey,R., Hart,S.E., Hiroki,S. and Mizuguchi,K.** (2002) The SWIB and the MDM2 domains are homologous and share a common fold. *Bioinformatics*, **18**, 626-630

REFEREES

- Ms. Gillian Pallis: email – g.b.pallis@dundee.ac.uk
- Mr. David Gough: email – david@dagough.co.uk
- Prof. Mike Sternberg: email – m.sternberg@equinoxpharma.com