

JAMES ALAN SHEPHERD PhD
James.Shepherd@JamesAshepherd.com
<http://www.JamesAshepherd.com/>

PROFESSIONAL EXPERIENCE

IT-Consultant (Freelance)

Berlin, Germany

Current

Technologies: **Java 6, Apache Derby, Postgres, Subversion, OWL, RDF/XML, Jena, TestNG, open source licensing, Gentoo Linux, FreeBSD, installation of LAMP and Tomcat 6, bash scripting**

Statistical Programmer (Java Developer)

Department of Statistics, University of British Columbia, Vancouver, Canada

Full Time: 1st March 2005 – August 2006, Part Time: 28th October 2004 – 28th February 2005

- <http://slate.stat.ubc.ca/> Course Management System
- <http://www.stat.ubc.ca/> Department Portal
- Scoping to Support
- Database Schema to Javascript

Technologies: **Java 1.4.2, Servlet 2.3, Hibernate 3.1, AJAX, applets, Eclipse, MySQL, PHP, CVS, LaTeX**

Analyst Programmer (13th October 2003 – 31st July 2004)

Inform Information Systems Limited, Maidenhead, UK

- Application development using Microsoft SQL server Stored Procedures and Database Design
- GUI design and testing
- Interaction with ExxonMobil GIS to pass 'Gates' and UAT
- Designed and developed DB to HTML application to integrate product with client's corporate fax system

Technologies: **T-SQL, MS SQL Server, VB, PowerBuilder, HTML, CSS**

IT Officer – Part Time (10th October 2002 – 7th October 2003)

Department of Economics, University of Bristol, UK

- Developed a large research material database of sensitive data using LAMP technology
- Designed and implemented Perl network backup system after identifying weakness in backup strategy
- User NT desktop and UNIX support and Windows 2000 systems administrator
- Heterogeneous network maintenance and hardware troubleshooting
- Devised and presented an HTML course for support staff

Technologies: **Windows 2000, NT, XP, Sun, Linux, Perl, Apache, PHP, MySQL, UNIX shell and NT scripting**

EDUCATION

Mathematics PhD (September 1999 – September 2003)

School of Mathematics, University of Bristol, UK

Thesis title: '*Coherent Sheaves and Deformation Theory in Abelian Categories*'

Mathematics MSci Honours (September 1995 – July 1999)

School of Mathematics, University of Bristol, UK

Classification: *First (Highest classification for a UK degree)*

- Awarded 'Bristol Blue' colours by Athletic Union for representing university and organising cycling club events, training riders, teaching cycle maintenance, club website. Won 3rd place trophy in 2000 Student National Mountain Bike Championships, sport level