

# Liam McBrien: Curriculum Vitae

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## CONTACT INFORMATION

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## PROFILE

A computing enthusiast with a Master's degree in Computer Science from the University of Strathclyde, Scotland. Reliable, efficient and competent. A quick learner able to work effectively alone or as part of a team; experienced with and enthusiastic about computer software and hardware.

Experienced in many aspects of technical computing, including: software development using Java; SQL database design and implementation; systems administration using Solaris, Linux and Windows; enterprise and desktop hardware maintenance, particularly Sun systems and commodity x86 hardware; and more.

## PERSONAL DETAILS

*Nationality:* Scottish  
*Date of Birth:* 16<sup>th</sup> July 1985  
*Driving Licence:* UK, full (cars only), clean  
*Passport:* UK, valid until 2016

## EDUCATION

**University of Strathclyde, Glasgow, UK** **2003 – 2009**

*Degree award:* MEng Computer Science (with Distinction)

*Areas of study:* Software Development (mainly Java with rudimentary C), Software Design (using OO techniques and UML), Computer Architecture, Databases, related Business and Law classes

*Average marks:* 1<sup>st</sup> year: 78%, 2<sup>nd</sup> year: 71%, 3<sup>rd</sup> year: 68%, 4<sup>th</sup> year: 78%, 5<sup>th</sup> year: 87%

*Awards and prizes:* *University of Strathclyde:* Andrew McGettrick prize for Academic Excellence, best final-year project 2009, best third-year group project 2006; *ScotlandIS:* 2nd place, Scottish Young Software Engineer of the Year 2009; *Ordinance Survey:* 2nd place, national "Pushing The Boundaries" competition 2009

**St. Thomas Aquinas Secondary School, Glasgow, UK** **1997 – 2003**

*Qualifications:* 2 Adv. Highers (A,B), 5 Highers (A,A,A,A,B), 8 Standard Grades (all Grade 1)

## PROFESSIONAL EXPERIENCE

### Sun Microsystems

*Lab Engineer, Services Global Labs*

**Jul. 2006 – present**

Initial 18-month work placement, with subsequent part-time and contract work. Primary focus is the support of Sun Services engineers by providing access to enterprise hardware and software for customer support. Secondary focuses involve maintenance of lab software infrastructure and internal software development using Java/Sybase.

Tasks include: installing, configuring, maintaining and repairing Sun hardware systems across the entire current, future and past product range; maintenance of production Solaris servers (Sun Ray application servers, nameservices, file servers, console services, etc); maintenance of software tools, ranging from minor bug fixes to the design and implementation of major new features; training of peers and new interns on all of the above.

*Campus Ambassador, University of Strathclyde*

**Jan. 2008 – Jun. 2009**

Part-time work during University term time; primary focus is the promotion of free open-source software made available by Sun. Secondary focuses include promoting Sun technologies for use in courses and promotion of Sun internships / placements.

Tasks and challenges include: delivering technical presentations and demonstrations; promoting and providing access to Sun software and training resources; creation and coordination of on-campus Sun user groups; liaising with faculty staff to encourage adoption of Sun technology in courses / labs.

PROFESSIONAL  
TRAINING

Has completed the following five-day **Sun Learning Services** instructor-led training courses:

- Intermediate System Administration for the Solaris 10 Operating System
- Advanced System Administration for the Solaris 10 Operating System
- Shell Programming for System Administrators
- Sun Ray Server Administration
- Sun Fire Midrange Server Maintenance and Support
- Installing and Configuring Storage Area Networks for Sun Service Engineers
- Sun StorageTek 6140 Array Installation and Maintenance
- Sun SPARC Enterprise Mx000 Servers Support Readiness Training

COMPUTING  
SKILLS

- Broad experience of computing-related study at Strathclyde University; wide array of classes studied up to fifth-year level including related law and business classes.
- Experienced in the installation, administration and maintenance of x86 and SPARC servers. Broad knowledge of Sun Microsystems' entire server and storage ranges.
- Experienced in building and maintaining x86-based PCs for family and friends; regularly receives commissions for custom builds, upgrades and repairs.
- Competent in Java design and programming. Experienced in group work, often in a project leader role.
- Competent in SQL database design and implementation using Sybase and MySQL. Designed and implemented a major revision to the database structure of a complex internal system booking tool whilst on placement with Sun Microsystems.
- Competent in using and maintaining Microsoft Windows (XP / Vista), Linux (mainly Ubuntu), and Solaris/OpenSolaris (10 and later).
- Basic Web design skills using HTML, CSS, JavaScript and PHP. Maintains the websites of the British Longbow Society in Scotland and Green Hollow Bowmen.
- Basic typesetting skills using LaTeX.

OTHER SKILLS /  
RESPONSIBILITIES

- Experienced in part-time retail work; held supervisor-role positions with former employers Anderson's (Greengrocer) and McGuire's (Newsagent).
- Founder member of traditional longbow archery club Green Hollow Bowmen and has represented Scotland at international level. Held committee positions in former club Western Archers, including Junior Representative and Quartermaster.
- Undefeated Scottish Schools Orienteering Champion (2001, 2002).
- Able to get by in basic Spanish and French.

INTERESTS AND  
HOBBIES

**Sports & Outdoors**

Actively involved in traditional archery, including the organisation of events at both club and national level. Keen pool and snooker player; also fond of badminton, rock climbing and indoor karting. Fond of walking in the Scottish countryside, particularly around Argyll and the Trossachs.

**Media**

Enjoys reading mainly sci-fi, fantasy and crime fiction. Favourite authors include J.R.R Tolkien, Terry Pratchett, Ian Rankin and Lindsey Davis. Beginner-level amateur photographer. Keen PC gamer; has been involved in administration of public jolt.co.uk Day of Defeat servers. Plays drums and is a fan of various musical genres from alternative rock to baroque to traditional celtic.

REFEREES

*Available on request.*