

Curriculum Vitae

Name: Shane O'Sullivan

Address: Knocknahilan,
Kinsale, Co. Cork
Ireland

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Email: shaneosullivan1@gmail.com

Education

Certifications Sun Java Certified Programmer, 2004

Third Level University of Limerick, Master of Science, 2001 – 2003

University of Limerick, Bachelor of Science in Computer Systems 1997 - 2001

Second Level Kinsale Community School, Irish Leaving Certificate 1997

BSc Grade First Class Honours

Work Experience

Cúram Software

Nov 2006 – Present J2EE/Ajax Developer

International Business Machines (IBM)

Sept 2003 – Nov 2006 Team Lead JSF Widget Library,
J2EE Developer – IBM WebSphere Portal,
Open source researcher,
Committer on DojoAjax Toolkit

University of Limerick CSIS Department

Sept 2001 – June 2003 Teaching Assistant

University of Limerick CSIS Department

Oct 1999 – Jan 2001 Programming Laboratory Assistant

Eli Lilly & Co Pharmaceuticals

Feb 1999 -Sept 1999 Ms Access 97, Oracle, Software & Hardware support

Computer Experience

Java/J2EE, Eclipse RCP, PHP, Java Server Faces, Dojo Ajax Toolkit, JavaScript, Ruby On Rails, DB2, IBM WebSphere Portal, Apache Tomcat, Web Services/Apache Axis, Java Swing/SWT, Lotus Notes, Mozilla XUL, C, C++, CORBA, UML, Linux Development, Microsoft Visual Studio 6, Windows GUI, HTML, Cobol, SQL, VBA, Microsoft Access database development, Flex, Bison.

Projects

IBM JSF Widget Library (JWL)

Dojo Ajax Toolkit 4.0

IBM Workplace versions 2.0, 2.1, 2.5, 2.6

IBM Workplace Managed Client versions 2.5, 2.6

IBM Juru search engine, Apache Lucene search engine

Apache JackRabbit JCR Implementation

Apache Abdera ATOM Implementation

XMPP chat protocol

Publications

IBM Workplace Managed Client ISV Integration Guide RedPaper

Masters Thesis: Map Building and Feature Prediction with Mobile Robots

Four papers presented at the 9th International Symposium on Artificial Life and Robotics (AROB) 2004

- Linear Feature Prediction for Confidence Estimation of Sonar Readings in Map Building
- A Quantitative evaluation of sonar models and mathematical update methods for Map Building with mobile robots
- Developing a Benchmarking Framework for Map Building Paradigms
- Developing a Statistical Baseline for Robot Pursuit and Evasion using a Real World Control Architecture

Benchmarking Sonar Based Occupancy Grid Mapping Techniques - 18th Australian Joint Conference on Artificial Intelligence, 2005

Interests and Leisure Time Activities

Badminton, Volleyball, Guitar, Socialising, Programming, Tennis, Reading, Golf.

Achievements

IBM Band 7 Staff Software Engineer,

Winner of 2005 IBM Workplace development competition

IBM Innovation Award 2005