Scott Lewis

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Education: Ph. D. Social Psychology, University of Oregon, 1990. Graduate minor in computer science

Professional Experience

Principal, Composent, Inc., 2003-present. Consulting, mentoring, and lead development for enterprise software projects with EMC, Remain Software, and others. Created curriculum materials for both undergraduate and master's level software development and engineering courses, and provided instruction and mentoring in those courses.

Invited Researcher, OSGi Alliance Enterprise Experts Group. Jan 2014-present. Contributed to OSGi R6 specification and reference implementation. Personally implemented ECF's specification-compliant implementation of OSGi Remote Services/Remote Service Admin chapters from enterprise specification.

Project Lead, Eclipse Communication Framework, October 1, 2004-present. Founded project. Architected, designed, and developed multiple APIs, and implemented OSGi Remote Services and Remote Service Admin standards. Mentor for multiple Google Summer of Code projects based upon ECF. See here for ongoing ECF sub-projects. Project wiki. ECF has a large and growing user and developer community, and is used for the commercial development of enterprise applications and services, tooling, mobile applications and multi-user games.

Senior Software Engineer, EclipseSource, Inc., September 2008-Oct 2009. Co-developed server platform based upon Equinox OSGi implementation. Designed and developed dynamic server-side load-balancing solution. Implemented remote provisioning, distributed OSGi services, and persistence of roles and rights system for enterprise provisioning system.

Senior Software Engineer, BEA Systems, May 2007-May 2008. Led creation of Eclipse-based tooling for BEA Event Server, a high-performance messaging system. Contributed to development and maintenance of BEA Workshop product line.

Director, Eclipse Foundation, **April 1, 2005-April 1, 2007**. Elected committer representative to the Board of Directors

Software Architect, Cayuse, Inc., **April 1, 2004-July 15, 2006.** Led architecture and team implementation of Java-based web application for research grant preparation and electronic submission.

Instructor, Carnegie Mellon West. 2002-2003. Contributed to course development, provided mentoring, coaching and support for student projects, presented course material.

CTO and Founder: ShareThis.com, Oct. 1998-May 2001. ShareThis produced a real-time collaboration product. I personally architected, designed and implemented framework used as basis for the product. I also led product development, technical team recruiting, and contributed to fund raising, product marketing, executive management, and sales.

Senior Software Designer, Electric Communities**, June 1997-Oct. 1998.** Contributed to design and implementation of online multi-user virtual environment.

Senior Software Engineer, Intel Architecture Labs, May 1995-June 1997. Technical lead for multi-user 3D graphical environment project.

Research Scientist, Tektronix Laboratories, June 1988-June 1990 and August 1993-May 1995. Architect and co-developer of a virtual environment for engineer training. Developer of ethnographic research techniques .

Member of Technical Staff, AT&T Bell Laboratories, September, 1990-1993. Developed visual programming system for rapid development of telephone billing applications.

Experience Summary

Technologies: Java, OSGi, J2EE, web application servers, distributed systems middleware, service-oriented architecture, messaging APIs, Android, JMS, XML, SOAP, XMPP, TCP/IP, Object-relational mapping/ORM, Javascript, AJAX, others.

Eclipse: Proficiency with development for the Equinox OSGi runtime, Eclipse, Eclipse Rich Client Platform (RCP), Eclipse Modelling Framework. Committer on ECF and Equinox projects. ECF project voted most open project for 2012. Experienced in Agile project leadership, API documentation and support, community building, and open source project management.

Standards: Recently implemented OSGi Remote Services and Remote Service Admin specifications. Currently participate in cloud OSGi working group. Participated in telecommunications standards efforts during time at Bell Laboratories.

Distributed Systems Innovator: Lead researcher in distributed systems, messaging framework design, remote services, and real-time collaboration and communication.

Market Driven: Excellent product-to-market vision and ability to consistently deliver technology with high quality on schedule. Superior responsiveness to market and business constraints through consistent customer interaction

Individual and Group Communication: Excellent written and verbal communication skills, and team and community leadership skills

Other Technologies and Skills

Experienced Author and Presenter: Published author and conference presenter for both academic and professional conferences including CHI, EclipseCon, others. Journal reviewer. Publications list available upon request
Skilled musician, scuba diver, and juggler