

# Andrew N Carr



Email: andycarr@gmail.com  
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## Technical Skills

Languages: C#, Java, SQL, VBScript, C/C++, Shell Scripting, HTML, *many more*  
Frameworks: .NET, WPF, Silverlight, WCF, ASP.NET, Java EE  
Platforms: Windows XP-7 & Server 2000-2008, Linux (RedHat, Fedora), OS X

## Professional Certifications

- IBM Certified Associate Developer – WSAD
- Sun Certified Java Programmer 1.4 (SCJP – J2SE)
- Sun Certified Web Component Developer 1.4
- Microsoft Certified Systems Engineer
- EXIM ITIL Essentials
- Lean6Sigma Yellow Belt

## Open Source (See website for additional information)

- CEC-Arduino – HDMI CEC interface on Arduino platform (C++)
- Sony Receiver Control for Linux (C++)

## Professional Experience

### Bid2Win Software – Portsmouth NH

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Software Engineer ♦ January 2012 – Present

Engineering enterprise-class solutions using the latest development, database and web technologies.

### Lincoln Financial – Concord NH

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Software Engineer ♦ January 2011 – May 2011 (Contractor)

Deployment engineering, using Windows Installer (MSI) and Microsoft SCCM. Wrote MSI custom actions in VBScript and C++. Created process automation tools using WPF, in C#.

### Liberty Mutual - Portsmouth NH

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Software Engineer ♦ June 2006 – June 2010 (Employee)

November 2004 – June 2006 (Contractor)

Software Engineer for Desktop Engineering department. Developed process automation tools in .NET (C#, WinForms, WPF, WCF, ODBC and ADO.NET), interfacing with multiple platforms and data sources, including IBM DB2, MS SQL Server, and SCCM WMI Providers. Created custom validation rules for Admin Studio Enterprise Package Catalog.

Implemented many successful internal and intra-departmental process improvements, utilizing Lean6Sigma methods. Adhered to ITIL change management standards.

### SkillSoft — Nashua NH

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Software & Data Migration Engineer ♦ January 2004 – April 2004 (Contractor)

Conducted data migration from legacy SmartForce platform (Oracle) to SkillSoft's SkillPort platform (MS SQL Server). Developed automation based on DTS, Java and Python data transform and validation tools. Streamlined migration process for reduction of data conversion errors, and reduced SLA.

### SilverCloud Software — Portsmouth NH

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Software Engineer ♦ May 2002 – December 2003

Java EE software development for Knowledge Management product. Implemented and maintained source control repository. Performed product UI review, security analysis, regression testing and load testing using LoadRunner. Worked with account managers and customers to identify new feature requirements.

### RE:Search Networks — Portsmouth NH

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Systems Administrator ♦ July 2001 – May 2002

Managed information systems, corporate website.

### MultiMedia Systems — Exeter NH

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Systems Engineer ♦ November 1999 – July 2001

Client services, including: network installation, system administration, network security maintenance.