Andrew Carter

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Profile

Senior software engineer and architect. Experience developing web services, mobile applications, and relational databases.

Experience

FOUNDER/OWNER, SPARSE LABS, LLC, SAMMAMISH, WA (2010-PRESENT)

- Web development firm specializing in Ruby on Rails and mobile development.
- Projects using Mac OS X, Linux*, Ruby on Rails, Objective-C, iOS, and Android.
- iPhone projects include Yubit coupon application (*Miajo, LLC*), Moprise Sharepoint application (*Moprise, Inc*)
- Rails projects include artwork site prototype, social networking site prototype, advisor for sports management

SENIOR SOFTWARE ENGINEER, GETTY IMAGES, SEATTLE, WA (2007-2010)

- Lead Developer and architect for photo and video web services.
- Architect for content portal and Flickr projects
- Lead developer for multiple content portals
- Portals reduced time to market from 90 days to hours
- Designed and implemented VMWare based production environment
- Member of Getty Images architecture working group
- Linux, Mac OSX, Ruby on Rails, Javascript, Apache, Passenger, Mongrel, MySQL, VMWare

DIRECTOR, ROGUESHEEP, SEATTLE, WA (2007)

- Server and web technology director
- Content workflow management system utilizing Adobe InDesign Server
- Mac OS X, Cocoa, Carbon, C, C++, Objective-C, Ruby on Rails, Javascript

SOFTWARE DEVELOPER/ARCHITECT, JOBSTER, SEATTLE, WA (2006-2007)

- Performance and scale lead
- Architect for Jobster Web Services using REST and XML/JSON formats
- Backend services for recruiting, bulk mail, and social network
- Database tuning and scaling modifications
- Linux, Java, Ruby on Rails, Oracle, MySQL

WEB SERVICES DEVELOPMENT MANAGER, PURE NETWORKS, SEATTLE, WA (2005-2006)

- Development manager for Pure Networks online services
- Managed team of five software developers
- Managed cross-team dependencies with operations and client applications teams
- Data center and service topologies
- Released Network Magic 2.0 and 3.0
- Windows, Mac OS X, Linux, Java, PHP, Tomcat, Hibernate, MySQL, Objective-C, C

SENIOR SOFTWARE ENGINEER, SOURCELABS, SEATTLE, WA (2005)

- Wrote SourceLabs CERT7 methodology statement
- Designed and implemented certification protocols
- Implemented certification frameworks including automation, database services, and web interfaces
- Analysis of open source projects and stacks
- Java, C, Python, PHP

SOFTWARE DESIGN ENGINEER, MICROSOFT, REDMOND, WA (1995-2005)

- Over ten years of service on several different products as software engineer.
- Xbox Live (2004- 2005) - Real time statistics including True Skill rating system
- SQL Server (2001-2004) - Senior developer on replication team including Oralce integration
- bCentral (2000-2001)   - Small business web portal, real time messaging
- SQL Server (1998-2000) - Interfaces team for ODBC, OLEDB, BCP
- SQL Server (1995-1998) - Lead SDE/T for query processor testing team with 4 direct reports
- Windows, C, C++, C#, .NET, SQL

STAFF CONSULTANT, ANDERSEN CONSULTING, SEATTLE, WA (1994-1995)

- Real-time billing application for McCaw Celluar/AT&T Wireless
- C, C++, SQL, NeXTSTEP, HP-UX

INTERN, MICROSOFT, REDMOND, WA (1992-1994)

Macintosh Excel product support and test engineer

Education

University of Washington, Seattle, WA — Bachelor of Science Electrical Engineering, 1994
University of Washington Extension, Bellevue, WA — Game Development Certification, 2004

Awards

Undergraduate Merit Scholar — University of Washington, 1989
Dean's List for High Scholarship — University of Washington, 1990, 1994
Microsoft Ten Year Service Award, 2004

Organizations

SEATTLE XCODERS (2004-PRESENT)

- Designed and manage web site http://seattlexcoders.org
- Curator for Eastside chapter meetings, scheduling, and administration

Profiles

GitHub — http://github.com/ascarter
LInkedIn — http://linkedin.com/in/andrewca
Twitter — http://twitter.com/ascarter