

# Edward J. Burns

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URL: <<http://purl.oclc.org/NET/edburns/resume>> *PDF, MSWord, Star Office and ASCII format available*

*Address information*

## OBJECTIVE

Put my experience and education to work in a creatively challenging organization dedicated to producing world-class software through efficient application of software engineering practices.

## EXPERIENCE

Sun Microsystems:

- 10/02 - present, *Senior Staff Engineer*, Santa Clara, CA
- Help lead a team of industry experts from leading companies such as IBM, BEA, Sun, and Oracle in developing the specification for JavaServer Faces (JSF).
  - Pioneered techniques for using JSF and AJAX together.
  - Co-author of upcoming book *JavaServer Faces: The Complete Reference*.
  - Frequent Java.Net Blogger
- 09/01 - 05/04, *Staff Engineer*, Santa Clara, CA
- Team leader for JavaServer Faces web application framework since early days of project. Leveraged extreme programming concepts to lead a three person team in tackling an ambitious, highly visible, project on an aggressive schedule.
- 1/97 - 8/01, *Staff Engineer*, Santa Clara, CA
- Lead engineer for Java integration in the Netscape 6 web browser. Netscape 6 is several million lines of open source code. Deep knowledge of C++, Win32 internals, XPCOM, GNU/Linux, JNI, and Java.
  - Designed and implemented an open source Java API to web browsing functionality. The API has implementations rooted in Netscape 6, ICE, and Internet Explorer. Several customers are using the webclient API in their custom products. The API also ships standard with Netscape 6.01 for Solaris.
  - Was instrumental in conceiving and implementing a grass-roots CASE tool to gather software requirements. Utilized XML, XSL and servlet technologies to provide a web front end.
  - Lead engineer for front end of 100% Pure Java multi-dimensional spreadsheet application.

Silicon Graphics: 6/95-1/97, *Core Engineer for Web Authoring Tool*, Mountain View, CA

- Collaborated on a self-started two person team to design, implement and maintain a C++ web transport library. Drove the library from inception through two major releases. This library provides the foundation for SGI's web applications and ships on every SGI computer since IRIX 6.2.
- Integrated the web transport library into CosmoCreate to enable viewing and authoring pages over the web. This provided experience in extending legacy code well past initial requirements.

National Center for Supercomputing Applications: 8/94-6/95, *Developer for Mosaic for X*, Champaign, IL

- Implemented enabling features for browsing and posting to the Common Client Interface (CCI) library. Added Perl interface to CCI, enabling perl programs to become web active.
- Conceived and implemented WebCast, a collaborative muticast (MBONE) program that enables sharing of web pages between Mosaic's all over the world using the CCI and the reliable Multicast Protocol (RMP) library.

International Business Machines: 1/92-5/94, *Networking Systems division*, Research Triangle Park, NC

- Contributed to CallPath Server digital telephony software for AIX and OS/2.
- Designed and implemented OS/2 based CASE system for automated System Testing.

## EDUCATION

University of Illinois at Urbana-Champaign, College of Engineering Co-Op program, Computer Science Curriculum. Bachelor of Science in Computer Science with International minor in Germanic Studies, emphasis on computer music. **Degree Date: Spring 95.** GPA: 4.3/5.0

## PROGRAMMING LANGUAGES; TOOLS; RELATED COURSES

Java, AJAX, SOA, JNI, C++, C, Perl, UML, XSL, XML, SOAP, J2EE, Struts, CSS, HTML, CGI, SQL, JavaScript, Objective C, Fortran, Assembly, LISP, Rexx; COM, Emacs, Purify, gdb, dbx, performance analyzers, test driven development; Software Engineering, Operating Systems, Distributed Networks, Sun Certified Java 2 Architect

## REFERENCES

Craig McClanahan <[craig.mcclanahan@sun.com](mailto:craig.mcclanahan@sun.com)>, Web tools Architect  
George Drapeau <[george.drapeau@sun.com](mailto:george.drapeau@sun.com)>, Engineering Manager, Sun Microsystems  
Cynthia Kay <[ckay@ingenuity.com](mailto:ckay@ingenuity.com)>, VP of Engineering, Ingenuity, Inc.