

# Lee E. Brostrom

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## EXPERIENCE

*2001 to Present* Western Corporate Credit Union (WesCorp), San Dimas, California

### **Supervisor, Web Services**

- Technical Lead and Supervisory Experience
  - Management, development, and maintenance of WesCorp websites including B2B application, WAVE, and public site, WesCorp.org, by meeting with business units to define requirements and technical specifications and coordination of resources to implement web-based business solutions.
  - Employee training, mentoring, development, and administration.
- Web Development Experience
  - Financial and check imaging web application design, development and implementation using ASP.NET, ASP, Vignette portal, HTML, DHTML, CSS, Flash, VBScript, Javascript, XML, ActiveX, XML, Web Services, and COM.
  - Back end development using MS SQL Server, including data model design and implementation, and stored procedure development using Transact-SQL
- Documentation of web development processes and procedures. Technical documentation of business processes to management and users.
- Management and Project Management/Architecture Experience – Microsoft Project, Viso, Microsoft Visual Studio 2005.

*2005 to Present* Brostrom Software Solutions, San Dimas, California

### **President - [www.brostromsoftware.com](http://www.brostromsoftware.com)**

- Independent website development including front end and website administration using HTML and ASP
- Database development using SQL Server

*1998 to 2001* Sempra Energy (Southern California Gas Co), Los Angeles, California

### **Web Application Developer and Project Lead**

- Web application design, development and implementation using ASP, VBScript, JavaScript, HTML, DHTML, CSS, SQL Server, for the following intranet, extranet, and internet systems:
  - Intranet Purchasing Card System to manage and administer employee credit card purchases. Backend development of tools to upload data to SAP for bank payment.
  - Requisition Management System for requisitioning materials or services.
  - Service Contracting System to generate service agreements.
  - E-Commerce application for business-to-business purchases.
- Project Lead Experience
  - Project management through meetings with business units to define to define business rules, workflow, and software requirements and design.
  - Management of all phases of the software life cycle including requirements gathering, design, testing, implementation, maintenance and trouble-shooting.
  - Interaction with web server personnel to assist with IIS administration and web and SQL server performance and tuning.

*1997 to 1998* Toshiba America Information Systems, Irvine, California

### **Web Application Developer**

- Web application and Java applet design and development using ASP (VBScript and Javascript)
- Development of data model and utilities using MS SQL Server.
- Extensive interaction with business and testing units to define requirements and design and to test and implement E-commerce websites.

*1985 to 2004* Northrop-Grumman (formerly Aerojet), Azusa, California

***Software Developer and Programmer / Analyst***

- Software development in C, C++, and FORTRAN for sensor data analysis.
- UNIX platform migration and development.
- Sensor analysis

*1981 to 1985* Pacific Sierra Research, Los Angeles, California

***Scientific Programmer***

- Development and maintenance of laser radar simulation and real time software using FORTRAN.

## ***Lee E. Brostrom***

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### **OTHER WEB DEVELOPMENT EXPERIENCE**

- 2001 Automobile Club of Southern California
- Web application implementation using ASP, Visual Basic, HTML, DHTML and Javascript.
- 2001 iSuppli.com (1 month), El Segundo, CA
- Front-end web application implementation using HTML, DHTML, CSS and Javascript.
- 2000 Rockwell-Collins (6 weeks), Pomona, CA
- Advisement on ASP web application development using MS Visual Interdev and MS SQL Server
- 1998 NetGateWay, Long Beach, CA
- Rapid application web development using ASP, Visual Basic (COM), HTML, DHTML and Javascript.

### **COMPUTER LANGUAGES AND SYSTEMS**

Languages: ASP, ASP.NET Javascript, VBScript, XML, C++, VB.NET, Visual Basic, Java, C, C#, SQL, HTML, DHTML, COM, FORTRAN, 80x86 Assembly Language, Flash, PHP

Applications & Systems: MS Visual Interdev, Visual Studio.NET, Dreamweaver, Fireworks, MS SQL Server 2000 and 2005, DB2, Windows NT, Windows 2003, Internet Information Systems (IIS), MS Visual SourceSafe, ODBC, UNIX, VAX, IBM Mainframe

### **EDUCATION**

1997 Master of Science, *Applied Computer Science*, Azusa Pacific University, Azusa Ca

1981 Bachelor of Science, *Mathematics*, California State University San Bernardino

### **WESCORP REFERENCES**

References available upon request