

# Lee Carver

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## Summary

Extensive experience in software development. Wide breadth of knowledge in communications, software development tools, and programming languages. Seeking software development opportunity.

## Relevant Skills

High-Level Languages	Java, C++, C, Pascal, Ada, FORTRAN
Scripting Languages	HTML, Perl, Tcl/Tk, Visual Basic, ASP, JavaScript
Emerging Technologies	XML, XQuery, UML, Aspect-Oriented Software Development (AOSD)
Operating Systems	DOS, Windows, Windows/NT, Windows/2000, UNIX
Hardware	Intel x86, DEC Alpha, MIPS

## Experience

### Pnambic Computing, Owner/President (1995-Present)

- Conducting research into software engineering issues for compositional program construction. Used aspect-oriented techniques to implement a real-world application with Hyper/J.
- Developed web sites for a small business and a university department.
- Consulted with a packaged software developer to manage the software development process in a large (30+) software development team.

### IBM T. J. Watson Research Center, Intern (2000)

- Research intern with the Software by Composition group. Developed bracket-from extensions to Hyper/J™ Java composition tool.

### Microsoft Corporation, SDE/Workgroup Applications (1992-1995)

- Developer on Exchange. Responsible for server store, including FastTransfer, a client-server batch transfer protocol for mail messages. Ported Exchange Server from X86 to Alpha and MIPS architectures.
- Responsible for programmability in forms routing package. Integrated Object Basic with the development environment and designed Object Basic extensions for forms routing.

### Microsoft Corporation, Lead SDE/Systems Tools (1990-1992)

- Leader on the SCM version control project. Designed and implemented key version management algorithms and improved database performance three-fold in later stages.
- Initiated the SWAT bug tracking project. The design provided flexible data capture and state handling, with user customizable windows.
- Standardized internal distribution of Microsoft products and development tools.

Boeing Aerospace, Software Engineer (1987-1990)

- Lead the development of a portable object-oriented CASE system. The team developed versions for both VAX/VMS and UNIX engineering workstations.
- Designed a user interface tool kit to support multiple environments. The team implemented one version to support the X windowing system and one version to support a command line environment.

Simpact Corporation, Software Engineer (1985-1987)

- Designed and implemented an interprocessor communications package for a real-time remote monitoring system. The package supported synchronization of telemetry data, diskless boot, remote terminal access, database download, and error-recovery capabilities.

Software Products, International, Programmer (1983-1985)

- Created a programming language with embedded SQL operations for a relational database.
- Developed a serial communications package for a PC.

Science Applications, Incorporated, Software Engineer (1980-1983)

- Constructed an error correcting parser for an Ada compiler.
- Developed a serial communications package.
- Implemented an electronic mail system for a PDP-11.
- Developed data processing and simulation programs for commercial research groups.

University of California, San Diego, Assistant Programmer (1978-1980)

- Developed data processing and simulation programs for university and government research groups.

## **Education**

University of California, San Diego June, 2002	Master of Science in Computer Science Concentration in Software Engineering
University of California, San Diego June, 1981	Bachelor of Arts in Computer Science Physics and Economics minors

## **References and Publications**

References available on request.

Publications available on request.