

Edward Schwartz

Software Developer: C, C++, Objective C

Software Designer, Software Manager

Specializing in innovative software for iPhone, iPod Touch, Macintosh, and Windows

6 months	iPhone OS and Objective C
4 years	Macintosh platform
20 years	C, C++
20 years	Object-Oriented Design and Development
27 years	Software Design
21 years	Software Technical Management
18 years	Windows platform
5 years	UNIX platform
22 years	Software Configuration Management

Visa status	American citizen, Dutch residence permit
Availability	by contract with Golden Vine Software
Location	Amsterdam, NL
Languages	English (native); Dutch (learning)

Overview:

- More than 30 years experience as a professional Programmer, Software Architect, and Software Technical Manager.
- Over 20 years of experience with Object-Oriented Design and Development and several Frameworks: Macintosh MacApp, Microsoft MFC, iPhone SDK.
- Began developing for the iPhone and iPod Touch using Objective C in January 2009. Current application in development integrates the technologies of image capture, OCR, and language translation on the mobile platform.
- Ported two full-featured Windows applications to native Macintosh using the MacApp Framework and MPW IDE.
- Developed a large number of features for Windows applications including User Interface, Interoperability (Ole), Client/Server architecture, and proprietary program features.
- Director of Software Engineering for Galorath Inc. (www.galorath.com), the industry leader in Project Estimation and Control, serving customers including several U.S. Government agencies, major Aerospace-Defense contractors, and Fortune-500 companies.
- Chief Programmer and System Architect for the product line of 4 Cost and Schedule Estimation programs at Galorath. Introduced a professional software development process into what had previously been primarily a research company.

Professional Profile

- Software Design
- Software Development
- Windows Platform
- Macintosh Platform
- iPhone, iPod Touch Platform
- Unix Platform
- Structured Decomposition, OOD
- C, C++, Objective C
- Visual Studio 6,7,8; MFC
- MPW, MacApp, MacOS X 10.5
- iPhone OS 2.2, 3.0; XCode 3.1
- SunOS, Solaris, OpenWindows

Owner, Golden Vine Software, Amsterdam, developing innovative software for the iPhone and iPod Touch, Macintosh, and Windows platforms

Professional Experience

Galorath Inc., El Segundo, California USA www.galorath.com

August 1993 – August 2008

Director of Software Engineering

Achievements:

- Designed and developed an Ole-aware Interoperability architecture for the product line of Cost and Schedule Estimation programs: Flexible Export.
- Adapted the Desktop application design to support a Client-Server architecture: Server Mode.
- Designed and developed a product-line Extensibility architecture: Plug-Ins
- Added major new functionality to the product-line: Function Point Estimation, Performance Monitoring and Control, and Views
- Introduced a professional Software Engineering environment at Galorath including Requirements, Design, and Code Reviews.
- Ported the Software Estimation Model to the Sun Workstation (SunOS)

Responsibilities:

- System Architect for product line of 5 estimation and control applications
- Chief Programmer and mentor for staff of 6 – 10 programmers
- Configuration Control manager of product line source code
- Customer contact for custom software development
- Hands-on developer of several key product-line features

Galorath Inc., El Segundo, California USA

June 1990 – August 1993

Contract Programmer

Achievements:

- Ported the SEER Software Estimation Model (SEER-SEM) to the Macintosh, using MPW and the MacApp application framework.
- Ported the SEER Hardware Estimation Module (SEER-H) to the Macintosh, using MPW and the MacApp application framework.

Responsibilities:

- Completely responsible for the design, implementation, and maintenance of the Macintosh versions of the SEER products.
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Professional Experience (continued)

Hughes Aircraft Company, Software Engineering Division, Fullerton, California USA

June 1974 – August 1993

Senior Systems Engineer

Achievements:

- Software Technical Director for the Roland Institutional Trainer, a 6-station CGI training system for the U.S. Army. The Trainer was delivered on-time and within budget. Promoted to Senior Systems Engineer.
- Lead a team of 4 programmers developing prototype software for the TAFLIR Air Defense Radar system for the country of Switzerland. Supported live demonstration tests in Switzerland, which were successful. Promoted to Group Head.
- Developed User Interface, Displays, Initialization, and Test Support software for the AN/TPQ-36 Mortar Locating Radar system. The system was designed to detect mortar rounds immediately after launch and back-track the trajectory to the firing point. Supported successful live-fire tests at the Yuma Proving Grounds, Arizona and Fort Stewart, Georgia. Hired as Member of the Technical Staff after graduating from college.

Responsibilities:

- As Software Technical Director for the Roland Institutional Trainer, had overall responsibility for completing the software successfully and on schedule. Supervised and directed a staff of 25 programmers, lead the software/hardware integration effort, conducted presentations and reviews with the customer, and even wrote a little code.
- As Group Head of the TAFLIR Air Defense Radar system, had overall responsibility for completing the software on time and to specification. Developed Displays and User Interface software and performed hardware/software integration prior to traveling to Switzerland with the system for live demonstration tests. Operated the radar and collected data during the live tests.
- As Member of the Technical Staff, AN-TPQ-36 Radar system, worked as a team member with 8 to 12 programmers over a 3 year period. During live-fire tests, responsible for radar system operation and data collection.

Education

University of California, Irvine, California USA

Bachelor of Science, Information and Computer Science (Cum Laude)

June 1974

Graduate Courses in Computer Science

1977-1978

References

References are available upon request.
