

EDUCATION University of Vermont, Burlington, Vermont

- 1995–1999
 - B.S. in Biomedical Technology
 - Minor in Computer Science
 - GPA 3.62
- 2000
 - Business Law I
 - Business Law II
 - GPA 4.0
- 2001
 - Quality Management
 - GPA 4.0
- 2003
 - Compiler Construction
 - GPA 4.0

Champlain College, Burlington, Vermont

- 2002
 - Microeconomics
 - GPA 4.0

University of Florida, Gainesville, Florida

- 2008
 - Database Management Systems
 - GPA 4.0

Epic Systems Corporation, Verona, Wisconsin

- 2008–2010
 - Bridges (2008, 2009)
 - Clarity ETL (2008, 2009)
 - Data Courier (2009)
 - Hyperspace Configuration (2009)

WORK
EXPERIENCE

Application Analyst L2
Gainesville, Florida

University of Florida Physicians
April 2007–present

- Analyzed applications.
- Provided support and AES programming for Flowcast/Centricity applications (BAR, ETM, HCO, IDXWeb, PCS, Sched, SIU and TES).
- Designed and implemented web-based applications with ASP, ASP.NET, and SQL Server.
- Assisted with Epic EMR installation, including work with Bridges, Clarity, and Identity.

Contract Programmer
Cranberry, Pennsylvania

Henry Elliott/Coventry Health Care
August 2006

- Assisted with project for installation and customization of Medicaid HMO software.
- Provided technical information to other employees.

Web Developer

2005–present

- Designed, built, and maintained web sites with XHTML, Flash, JavaScript, PHP, perl, DHTML, AJAX, and SQL (MySQL, PostgreSQL).
- Provided maintenance, support, and customizations for e-commerce applications.

Customer Support Software Engineer
South Burlington, Vermont

IDX Systems Corporation
September 1999–October 2004

- Provided functional and technical support for the M-based IDXtend/Flowcast/Centricity suite of applications (including BAR, EWS/SCHED, SIU, TES, MCA, and VM/HPA).
- Designed and implemented custom enhancements to SCHED, EPMS, and VM.
- Wrote conversion utilities used to import registration and insurance information from legacy systems into Flowcast.
- Wrote conversion utilities used to export registration, insurance, BAR charges, and HPA charges for use with other systems.
- Wrote, installed and supported HL7 interfaces used to send and receive ADT, charge, dictionary, insurance, registration, and scheduling information.
- Designed and implemented custom interfaces used to send charges to bad debt agencies.
- Provided client consultation for HL7 performance and modifications.
- Repaired low-level and high-level database and integrity errors.
- Recreated failures and proposed fixes for future releases.

Information Counselor
Burlington, Vermont

Computer Information Technology, UVM
September 1995–June 1999

- Answered client questions regarding Macintosh, Unix, and Windows applications.
- Administered a Linux server.

Software Developer

1996–present

- Designed and implemented custom programs and utilities for iPhone, Macintosh, Linux, FreeBSD, BeOS, Windows, and Apple IIgs with C, C++, Objective C, and Assembly language.
- Developed two games and two utilities for the iPhone and iPad Touch
- Developed Silver Platter, a commercially available HTTP server.
- Developed BShisen, a popular BeOS game which was named the BeWare Gem of the Week by Be Inc.
- Developed GShisen, a popular Apple IIgs game which received the 1998 Apple II Achievement Award for Best Freeware Product.

PUBLICATIONS

- Sherlock, Kelvin. “Window Menu Bars.” [Juiced.GS 12.1](#) (2007).
Sherlock, Kelvin. “ProFUSE: A ProDOS Filesystem in Userspace.” [Juiced.GS 14.1](#) (2009).

SKILLS

Programming Languages: ActionScript, ASP/ASP.NET C, C++, C#, Objective C, Erlang, Java, JavaScript/JScript, Pascal, Perl, PHP

Markup Languages: CSS, HTML, T_EX/L^AT_EX, XML, XSL

Assembly Languages: 6502, 65816, x86, ARM

Operating Systems: BSD, Linux, Macintosh OS X, Solaris, VMS, Windows NT

Databases: M/MUMPS (Caché, ISM, DSM), MySQL, PostgreSQL, SQL Server