

David Scheiderich

Objective Seeking a fulltime position in the software industry. Looking to play a role in software engineering or programming.

Education 2003-2004 Rochester Institute of Technology Rochester, NY
Masters of Science in Computer Science
Started in September 2003. Anticipated date of graduation December 2004.

1998 - 2003 Rochester Institute of Technology Rochester, NY
Bachelors of Science in Software Engineering
Graduated May 2003. Professional Field of Study GPA 3.25, Overall GPA 2.96.

Technical Skills Operating Systems:

- UNIX: Solaris. Development experience through classes.
- Linux: RedHat. Both development and administration experience
- Windows: 95/98/NT/2000. Administration, development and general usage experience
- Other: Mac OS/X, Be OS, Amiga.

Software:

- Programming: C/C++, Java, C#, Visual Basic, Eiffel
- Programming Tools: CVS, RCS, lex, Rational Rose, Visio
- APIs: Microsoft .NET, Qt, Rogue Wave, MFC
- Web Tools/Technologies: J2EE (JSP/Servlets/JDBC/EJB), Cold Fusion, PHP, ASP, Quicktime, Real, Windows Media, IIS, Apache
- Database: MySQL, MSSQL, Access, Lotus Approach, FileMaker Pro

Leadership & Development Skills Software Processes:

- Team Software Process: Class provided an all-quarter project in which teams worked using the TSP Process Model.
- Familiarity with: Extreme Programming, Capability Maturity Model

Team Experiences:

- Roles: Leader, Support Leader, Developer
- Both highly jelled, and un-jelled team experiences
- Team-Interdependency, required to develop separate parts of a system, and integrate them

Senior Project Software Engineering Senior Project

- Working with Signaling Division of Alstom
- Re-hosting 30 year old FORTRAN tools to C++
- Had to learn domain knowledge about transit systems

Masters Project

Developing a digital photo album editor using Java and JAI, which separates the album layout process from the output medium.

Professional Experience**System Administrator / Web Programmer**

Rochester Institute of Technology
From 1998 to Present (Part Time and Co-Op) Rochester, NY

- Designed and implemented a web based event calendar based on Java/JSP and MySQL.
- Implemented a web-based scheduling system for filming events on campus.
- Developed a C server for reading the closed captioning signal from a video source, and sending the captions to Java clients over the Internet, in conjunction with a video stream.
- Helped produced a live Internet based video/chat session for RIT Admissions
- Developed small PHP applets for various department web pages with a MySQL backend
- Worked on various Online Learning web sites using ASP.
- Developed several small File Maker Pro DBs.
- Administrated Linux, Mac OSX, NT, 2000
- Provide assistance with RIT Sports Zone Television Program
- Fiscal budget recommendations, purchasing responsibilities

Web Programmer

Timer Warner Communications
Summer 1999, Summer 2000 (Part Time) Syracuse, NY

- Helped re-launch the customer/marketing web site: <http://twcny.com>
- Helped re-launch the Road Runner Content site: <http://twcny.rr.com>
- Developed an intranet project management tool, web-based email client
- Other projects included a local school database and automated agents to grab news headlines
- Worked with NT, Cold Fusion, MS Access and MS SQL Server

Community Activities**Alpha Phi Omega**

A National Co-ed Service Fraternity

- Active member of the RIT Chapter of APO, Xi Zeta.
- Various service project experiences including YMCA, raising money for Salvation Army and ushering hockey games.
- Past roles as President, VP of Service, Pledge Master and Treasurer.

References available upon request.