

SCOTT M. SELIKOFF

selikoff@cs.cornell.edu · 340 Sugartown Road C63 · Devon, PA 19355 · (732) 581-1628

OBJECTIVE

To obtain a full-time position in software development where my J2EE and web development experience, computer science masters degree, and outstanding presentation and analytical skills will be utilized.

WORK EXPERIENCE

SOFTWARE DEVELOPER

JUNE 2004 – PRESENT

Siemens Medical Solutions

Malvern, PA

Currently assisting in the development of large-scale Healthcare Information Systems using Service Oriented Architecture built on J2EE technologies.

Responsibilities also include:

- Developing reusable EJB Services and Web Services
- Integrating with JDO Persistent Management
- Designing and implementing J2EE application deployment strategies for IBM WebSphere Application Server
- Diagnosing and repairing bugs in existing systems all ready deployed in hospitals
- Writing and Presenting New Employee Education Material

SOFTWARE DEVELOPER/TEACHING ASSISTANT

DECEMBER 2003 – May 2004

Cornell University

Ithaca, NY

Developed learning material for two new computer sciences courses in database systems for the Cornell University Department of Computer Science.

TEACHING ASSISTANT/RESEARCH ASSISTANT

JUNE 2002 – MAY 2003

Cornell University

Ithaca, NY

Teaching assistant for three web database system courses:

- Gave lectures to students, planned course schedule, graded papers, and supervised course staff for these databases classes:
 - Practicum in Database Systems, Applied Database Systems,*
 - Introduction to Data Management Systems*
- Developed supplementary material for course textbook
- For Master's Project, wrote a Java-based Web Teaching Tool to be used as a supplement to lecture, and studied how well it motivated and educated students

SOFTWARE ENGINEER

AUGUST 2001 – MARCH 2002

Perimeter, Inc.

New York City, NY

Assisted in the creation of a new Internet Startup that specialized in distributed file system server software. Performed market analysis and technical research.

RESEARCH AND DEVELOPMENT ENGINEER

JUNE 2000 – AUGUST 2001

Virtual Access Networks, Inc

Lawrence, MA

Under the direction of the CEO:

- Improved the efficiency of the product and optimized database management
- Researched new features for the product and assisted in their implementation
- Established lecture material and presented to different departments
- Trained new employees and created technical manuals
- Assisted QA department to resolve software bugs
- Created library of research on competitors' products through comprehensive benchmark testing

CERTIFICATIONS

SUN CERTIFIED PROGRAMMER FOR THE JAVA 2 PLATFORM 1.4

OCTOBER 2004

SKILLS

J2EE/Java

Extensive experience in J2EE architecture and concepts including writing Enterprise Java Beans (Entity Beans, Session Beans, and Message Driven Beans), Java Servlets and JSPs, Queues and Mediation Handlers, and Web Services. Additional experience in JUnit Testing and Methodology and Eclipse/WSAD/RAD development tools.

Web Experience

10+ years experience designing, implementing, and administering Web Sites. 4+ years experience teaching and developing Web Applications. Expert in HTML/CSS, JSPs/Servlets, PHP, XML/XSLT, and JavaScript. Additional experience in ASP.

Databases

Expert in all of following areas: SQL Queries, SQL Query Optimization, JDO, JDBC, Stored Procedures, Database Normalization. Experience in all major database applications including IBM DB2, Oracle, Microsoft SQL Server, and MySQL.

Server Administration

Administration experience in IBM WebSphere Application Server 5.1 and 6.0, Windows 2000 Server, Microsoft IIS, JBoss, Apache, and Jakarta Tomcat. Experience administering both small and large scale applications.

Other Skills

C/C++	WebSphere Application Developer 5.1	Unix/Linux	Ant
Java Swing	Rational Application Developer 6.0	Rational ClearCase	Rational Rose
MacOS	Microsoft Visual Studio	Windows 9X/NT/2K/XP	Eclipse 2/3.0
Python	Word/Excel/PowerPoint/Visio	Adobe Photoshop	MATLAB

EDUCATION

CORNELL UNIVERSITY

MASTERS OF ENGINEERING, COMPUTER SCIENCE

AUGUST 2002 – MAY 2003

GPA: 3.00/4.0

- Masters Project with Professor Johannes Gehrke:
"Online Educational Software and its Effectiveness in the Classroom"
- Advanced Topics in Machine Learning, Paper:
"The SVM-Tree Algorithm"

CORNELL UNIVERSITY

BACHELOR OF ARTS, COMPUTER SCIENCE AND MATHEMATICS

AUGUST 1999 – MAY 2002

GPA: 3.41/4.0

- Mathematics Independent Study with Professor John H. Hubbard:
"Newtonian Basins of Periodic Differential Equations in 2 Variables"
- Honors Seminar in Modern Mathematics, Paper:
"Introduction to Fourier Analysis and the Finite Fourier Transform"