

Steven Scholnick Resume

scholnicks@gmail.com | <https://github.com/scholnicks>

Experience

Development Team Lead, [Software Engineering Institute](#)

August 2020 - Present

- Lead software development and engineering efforts for a small diverse development team.
- Provide senior leadership and mentoring to the team, implemented policies and practices, formalized scope of responsibility.
- Lead backend engineer on a microservices application using [Spring Boot](#).

Senior Software Engineer, [Software Engineering Institute](#)

February 2008 - July 2020

- Lead backend engineer on a microservices application using [Spring Boot](#).
- Maintained several Python scripts for various administrative tasks.
- Architected, designed, and developed web based J2EE applications using Apache HTTP Server, Tomcat, Spring MVC, and PostgreSQL. I was involved in all facets of each project.
- Worked on an XSLT based J2EE application using Tomcat and MySQL.
- Developed several [open-source plug-ins for Jira](#) including an S/MIME decryption plug-in.

Senior Software Engineer, [PNC Financial Services](#)

May 2004 - February 2008

- Worked on several web based J2EE applications using JSPs, Struts, Tiles, Servlets, and an Oracle Database or Microsoft SQL Server. WebSphere was used for all projects. I was involved in all stages: gathering requirements from users, database design, software design, coding, and testing.
- Developed a Java library for common tasks used by several HR based J2EE applications. The library had a complete set of JUnit tests.
- Developed a SOAP based web services application.

Software Engineer, [Mellon Financial Corporation](#)

April 2000 - May 2004

- Worked on the WebSphere based Electronic Billing Insurance System using an applet, servlets, JSPs, EJBs, and Oracle. It was a multi-tier application. I worked on several server-side modules using a mixture of session beans, entity beans, and JDBC connecting directly to an Oracle database. I was the primary developer of the Swing based client applet.

Software Engineer, [printCafe](#)

June 1998 - April 2000

- Developed a Java Swing based application to control data in an Oracle database. I designed and implemented both the Swing interface and the class structure for the data.
- Developed a Swing based application and Java based server. The client and server communicated via RMI.
- Lead a project to convert a C++ application to use an Oracle database instead of a set of Paradox tables.
- Worked on several Visual C++ based applications used by the printing industry.

Independent Software Developer

June 1998 - Present

- [bookCoverSearch](#), Python module that searches Google for book covers
- [itunes-library](#), Python module representing an iTunes library
- [ISBNDB REST Library](#)
- [T2t](#), text to HTML tables translator
- [Splice](#), a label maker for CDs, DATs, etc
- [TagIt](#), library for JUnit testing custom tags
- A set of [Scripts](#) for various tasks

Skills

Languages

• Java • Python • SQL • Bash • JavaScript • Perl • HTML • CSS

Databases

• Microsoft SQL Server • PostgreSQL • SQLite • Oracle • MySQL

Operating Systems

• macOS • Linux • Windows

Software

• IntelliJ IDEA • Gradle • Git • Jira • Confluence • BitBucket

Education

Bachelor of Science: Computer Science

April 2001

- [University of Pittsburgh](#)

Bachelor of Science: Chemistry

April 1991

- [University of Pittsburgh](#)

Publications

Technical Reviewer

2011

- [The CERT Oracle Secure Coding Standard for Java](#)