

OBJECTIVE

To help companies meet their Information Technology needs through consulting and contracting

ACADEMIC EXPERIENCE

Carnegie Mellon University

Pittsburgh, PA, 2003 – 2004

- Masters of Science in Information Technology (Software Engineering)
- Courses on Software Engineering Models, Methods, Analysis, Architectures, and Security
- Advised other students on the latest technologies and techniques (e.g., test-driven development)
- Built a Scrum project management tool as a thesis project
- Cumulative 3.77/4.0 GPA

University of Nebraska at Omaha

Omaha, NE, 1999 – 2003

- B.S., Computer Science
- Inacom Technology Scholarship (one of ten nationwide)
- Walter Scott, Jr. Scholarship (full tuition plus expenses)
- Regents Scholarship (full tuition)
- Major 4.0/4.0, Cumulative 3.992/4.0 GPA

WORK EXPERIENCE

Exigence

Co-Founder, Software Engineer, 8/2004 – Present

- Co-founded Exigence as a small, premium consulting/contracting shop
- Gather and analyze requirements as efficiently as possible
- Design and implement solutions with industry-leading productivity and defect rates

HKS Medical Information Systems

Project Director, 5/2003 – 8/2003

- Founded and co-led a team of 5 students to contract for a web-based application
- Designed a HIPAA-compliant application with 30,000 LOC using J2EE, Hibernate, and Tapestry
- Applied the Scrum project management methodology to ensure a focused environment
- Delivered the product on time and on budget, with HKS actively preparing to sell and deploy the product to its customers

International Academy for Advanced Decision Support

Lead Software Developer, 5/2002 – 8/2002

- Led a team of 2 to 3 developers in implementing a Java-based group decision management system
- Responsible for the majority of technical decisions regarding implementation platform and architecture
- Designed a simple core architecture with a thin XML-RPC service layer for Flash clients
- Developed approximately half of the 14,000 LOC

Beachhead

Software Developer, 10/2001 – 6/2003

- Lead developer of IBM's first Linux-based WebSphere application for their two Linux sites
- Dealt with architecture, implementation, testing, and deployment issues
- Developed in Java and with a custom web application framework nearly all of the 7,000 LOC

Microsoft

Web Developer Intern, 5/2000 – 8/2000

- Developed internal applications, such as a breaking-change tracking application, in ASP.NET
- Worked on a distributed, SOAP-based sample to ship with Beta 1 of the .NET SDK

SKILLS

Software Packages

- CVS
- DB2 7.1
- Eclipse
- Flash MX
- IIS 4.0/5.0
- PageMaker 6.5
- Site Server 3.0
- Struts
- SQL Server 7.0/2000
- Subversion
- Tapestry
- Office 97/2000/2002
- PostgreSQL 7.4.1/8.0 beta
- Vim
- Visual Studio 6.0/.NET
- WebSphere 3.5/4.0

Languages

- ASP
- Boo
- C#
- C++
- HTML/XML
- Java
- JSP
- ML
- Perl
- Python
- Visual Basic
- XML-RPC
- XSLT/XSL-FO

Operating Systems

- FreeBSD 5.0/5.1
- RedHat Linux 7.x/8.x
- Windows 9x/NT/2000/XP

ACTIVITIES

commitmessage

9/2002 – Present

- Founded an open source project that provides an object-oriented wrapper for over source code management (SCM) systems' commit hooks, which then allows easy addition of new scripts for integration of the SCM with other systems, such as bug tracking software or project email lists
- Designing with a Model, View, Controller design pattern so that multiple SCM systems can be supported (e.g. both CVS and Subversion) without the various View scripts knowing anything of the underlying SCM implementation
- Currently maintaining the 2.0 Python version and adding new features such as AIM and MSN support

Sunday School Teacher

8/2001 – 8/2003

- Co-taught weekly preschool Sunday School class

Flute Instructor

9/2002 – 12/2002

- Instructed a beginning flute student in private lessons
- Responsible for overseeing weekly studies and beginning solo material

Microsoft Behaviors Contest

3/1999

- Wrote an IE5 behavior to mimic the Windows Tab control in a browser
- Awarded 2nd prize in the national contest open to anyone over age 17

ACCOMPLISHMENTS

BusinessWeek Feature

3/2004

- Featured in a cover story on software outsourcing and offshoring

HOBBIES

- Racquetball