PETER RAWSTHORNE

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CAREER PROFILE

Accomplished Educator with extensive experience developing and delivering technology curriculum to post-secondary students. Proven career history in developing online and international educational initiatives with strong utilization of emerging technologies and pedagogical approaches. Success as an IT Professional in a variety of senior positions including Systems Architect, Project Manager, Technical Lead, Database Administrator and Business Analyst, including 8 years as a successful software development consultant. A well-deserved reputation for teaching on the leading edge of technology using hands-on project experience to enrich and deepen students' understanding.

PROFESSIONAL EXPERIENCE

Mar 2007 – May 2010   *Learning Systems Architect and Council Member*
WikiEducator, Global Online Learning Community

- Combine the skills and knowledge of computer systems architecture with pedagogy and epistemology to design online and collaborative learning environments. Collaboratively create IT governance framework, quality assurance initiatives, privacy policies, learning based wikis, multimedia, server hosting plans and approaches to student engagement that recognize an international context.
- Appointed member of Community Council with responsibilities for governance and policy. As council member I actively advocate for WikiEducator to be an exemplar in using Fair Use to licensing the educational content within WikiEducator.

Mar 2007 – June 2009   *Instructional Designer*
UNESCO & Commonwealth of Learning, Vancouver, BC

- Develop Open Educational Resources (OER) in alignment with the ICDL, with focus on OpenOffice 2.x, writer and database design and management.
- to participate in workshops which explore the near term futures of integrating technology into international education initiatives
- to research the use of new technologies within instructional design

Aug 2006 – Feb 2007   *Research Assistant / Instructional Designer*
Faculty of Education / Instructional Development Office
Memorial University of Newfoundland, St. John's, NL

Responsibilities
- Create technology and pedagogy focused workshops for university faculty. Workshop content included; blogging, podcasting, and the web 2.0.
- Create and manage Teacher Assistant program for department of physics.
- Create graduate student supervision and time to completion workshops.
- Design course material based upon learning outcomes and adult learning theory.
- Provide technology architecture support for CDLI research.

Accomplishments
- ✓ **Pedagogy and Educational Blogging** ~ An introduction to educational blogging with focus on pedagogy and strategies for student engagement.
- ✓ **Podcasting and Pedagogy** ~ An Introduction to podcasting with focus on pedagogy, podcast course integration and podcast creation.
- ✓ **Creating an Educational Blog Part I: Theory** ~ Information Technology During this session, participants will be introduced to the technological framework of blogging. They will gain an understanding of the underlying publish and subscribe technology. A thorough review of the features and administrative options required to create and maintain a blog will be discussed.
- ✓ **Creating an Educational Blog Part II: Practice** ~ During this hands-on computer lab experience, participants will build their own multiple-post blog using one of two blogging services. They will learn to set the features and administrative options. Participants will explore subscribing to multiple blogs using a blog reader.

✓ **Effective Practices for Successful Research Supervision** ~ Graduate students' timely completion of their degree programs is an important issue for both students and their supervisors. There are many effective strategies and practices that a supervisor can employ in assisting their graduate students to research completion.

✓ **Effective Practices for Successful Research Completion** ~ this workshop, which will be lead by experienced graduate students, has been designed to assist participants to identify the essential elements of successful completion of their program, particularly research and thesis work.

✓ *Received numerous exemplary workshop appraisals.*

Sept 1997 – May 2005	*Sessional Faculty, School of Computing and Academic Studies* *Computer Systems Technology Department* **British Columbia Institute of Technology**, Burnaby, BC

Responsibilities
- Act as interim option head for the Information Systems CST option.
- Instruct and evaluate adult students in computing courses.
- Create learning objectives for assigned courses.
- Design course material based upon learning objectives and adult learning theory.
- Create content, exercises, assignments and exams for existing courses.
- Attend faculty meetings and provide input into course and program development.
- Manage student expectations and issues within courses and institute programs.

Accomplishments
✓ Created internet-based course delivery system, with materials propagation and student management. This system was used extensively by adult learners for all of the following courses;
✓ **COMP1710** ~ Computer Applications Fundamentals, a course focusing on the Software Development Life Cycle (SDLC) and related development issues.
✓ **COMP2710** ~ Introduction to programming C/C++, a course focusing on intermediate C and C++ programming concepts.
✓ **COMP3910** ~ Information Technology Management, a course focusing on enterprise software development with focus on managing the IT project using the emerging project management methodologies of Microsoft Solutions Framework (MSF) and the Rational Unified Process (RUP).
✓ **COMP4570** ~ Intranet Development, a course focusing on Visual InterDev, ASP, ADO, HTML, JavaScript, VB Components, SQL Server, and IIS4.
✓ **COMP4911** ~ Management Information Systems Development, a continuation of COMP3910, this course provides and in-depth look at large scale application development. The 40 person student body was broken into small teams each responsible for the successful completion of their project deliverables.
✓ **COMP4925** ~ Advanced Database, Assorted Topics, a course focusing on three-tier development issues, SQL Server, ActiveX, IIS and ASP.
✓ *Received two consecutive superior instructor evaluations.*

June 1997 – May 2002	*Faculty, Business Administration Department* **Capilano University**, North Vancouver, BC

Responsibilities
- Instruct and evaluate adult students in upper level computing courses.
- Create learning objectives for assigned courses.
- Design course material based upon learning objectives and adult learning theory.
- Create content, exercises, assignments and exams for courses.
- Attend faculty meetings and provide input into course and program development.
- Manage student expectations and issues within courses and college programs.

Accomplishments
✓ Created internet-based course delivery system, with materials propagation and student management. System was used by adult learners for the following courses;
✓ **TCPP231** ~ Data Management, Analysis and Design of the data services layer using Entity Relationships and Microsoft Solutions Framework.
✓ **TCPP243** ~ Data Warehousing, a course focused on designing, implementing and project management of a data warehouse in the corporate environment
✓ **TCPP425** ~ E-Commerce, a course focused on developing robust e-commerce sites using Visual Interdev 6.0, Active Server Pages and MS Commerce Server.

- ✓ **NSCP336** ~ SQL Server 7.0 Administration, an Microsoft Official Curriculum (MOC) focusing on administering a Microsoft SQL Server 7.0 database.
- ✓ **CMPT230** ~ Operating Systems, a course focusing on operating systems theory using LINUX as the platform for concept reinforcement.
- ✓ ***Received four consecutive superior instructor evaluations.***

Sept 1995 – July 2004	***Contract Instructor / Trainer*** **Eclectic Endeavours Inc.**, Vancouver, BC Principal Trainer for independent training practice
Responsibilities	• Instruct adults in Software Engineering, Systems Development Lifecycle and Project Management using custom developed and Microsoft Official Curriculum. • Research, design, develop and teach adult curriculum. • Instruct end-users in the use of Microsoft centric development tools, custom databases and MS-Office products.
Accomplishments	✓ Created documents to support the curriculum of adult courses, each including a course description, handouts, and assorted tests and quizzes. ✓ Successfully taught many MCSD and MCDBA focused MOC courses as a Microsoft Certified Trainer. ✓ Successfully taught over 30 courses with content including LINUX, MS-DOS, SQL Server, "C", "C++", Visual Basic, ADO, MTS, IIS, ASP, Visual Interdev, Commerce Server, HTML, VB and Java scripting to Windows and Office95 Pro.
April 1994 - May 1995	***Substitute Instructor, Computer Curriculum*** **Canadian International College**, North Vancouver, BC
Responsibilities	• Instruct an employees workshop on MS-Windows 3.1 for MacIntosh Users. • Teach computer courses.
Accomplishments	✓ Substituted for a number of MS-DOS and "C" language computer courses.

EDUCATION

2004 - 2007	***Memorial University***, St. John's, Newfoundland, CANADA Master of Education, Information Technology Degree awarded 2007.
October 1999	***Microsoft Certified Trainer***
August 1997	***Microsoft Certified Solution Developer***
April 1997	***Microsoft Certified Product Specialist***
1994 - 1997	***Justice Institute***, New Westminister, BC, CANADA Conflict Resolution Certificate Programme Certified 1997.
1989 - 1996	***Open Learning Agency***, Burnaby, BC, CANADA Bachelor of Technology, Computer Systems Degree awarded 1996.
1991 – 1995	***British Columbia Institute of Technology***, Burnaby, BC, CANADA Advanced Diploma Programme, Database Systems Diploma awarded with Honors, 1995.
1986 - 1989	***Capilano College***, North Vancouver, BC, CANADA Computer Systems Management Diploma Diploma awarded, 1989.

PROFESSIONAL DEVELOPMENT

Ongoing	**Personal Learning Environment** presented by Numerous Online Sources
Feb. 2009 - present	**PhP MySQL Developer Certification** presented by O'Reilly School of Technology. ~ Online
Jan. 2006	**Graduate Program for Teachers (GPT)** presented by Memorial University. ~ St. John's NL CANADA
Feb. 2004	**Microsoft's Financial Services Chief Security Summit 2004** presented by Microsoft Corporation. ~ Redmond, Wash, USA
Nov. - Dec. 2003	**Securing Microsoft Technologies** presented by Microsoft Corporation. ~ Issaquah, Wash, USA
July. 2002	**Developing Software with Microsoft .NET** presented by Microsoft Corporation. ~ Vancouver, BC CANADA
July. 2001	**Microsoft TechEd** presented by Microsoft Corporation. ~ Barcelona, Spain
Sept. 2000	**Technology Week, Microsoft Professional Trainer Conference** presented by Microsoft Corporation. ~ San Diego, California USA
July 2000	**COM+ and the middle tier** presented by Roger Sessions, ObjectWatch. ~ Vancouver, BC CANADA
Oct. 1999	**Distributed Application Design and Development ~ Course #: 1298** presented by LEARNIX Canada. ~ Vancouver, BC CANADA
Oct. 1996 to present	**Assorted Microsoft Developer and Technical Seminars.** presented by Microsoft Consulting Services. ~ Vancouver, BC CANADA
Oct. 1996	**VBITS Interactive.** presented by Fawcett Technical Publications. ~ San Francisco, USA
Oct. 1994	**SYBASE Open Client & Open Server ~ Client Library.** presented by Sybase Inc. ~ Emeryville, California USA
Oct. 1992	**Programming with MacApp 3.0.** presented by Apple Developer University. ~ Cupertino, California USA
Sept. 1991	**Introduction to UNIX.** presented by LEARNIX Canada. ~ Vancouver, BC CANADA

CONFERENCE SPEAKING

Jan. 2011	***The Association for Continuing Legal Education***, San Francisco, USA Paper: Technology Investment Decisions
Sep. 2006	***ICT4D Postgraduate Symposium***, London, UK Paper: The role of the critical technologist within ICT4D
Oct. 2000 & Nov. 2001	***Microsoft Developer Days***, Vancouver, BC
1997 - 1998	***VANTUG - Enterprise Development SIG***, Vancouver, BC

PUBLISHED ARTICLES

SQL Server Update, Berkshire, England

SQL Server Magazine, Loveland, Colorado USA

Visual Basic Programmers Journal, Palo Alto, California USA

REFERENCES

Available upon request