

Justin St-Maurice MSc, PhD (Candidate)

ca.linkedin.com/in/justinstmaurice/
12 Aspen Valley Crescent Guelph, ON N1G 3Z8
stmaurice@gmail.com

HEALTH INFORMATICS PROFESSIONAL with a decade of experience leading projects in healthcare and education, applying creative thinking, and mentoring young professionals. Continually seeking opportunities to develop and apply expertise in higher education, primary care, privacy and security, information technology, and software design.

SUMMARY OF QUALIFICATIONS

- Strong technical and interpersonal skills
- Multiple years of healthcare experience in implementation roles
- Able to understand the “big-picture” while working on smaller, tactical projects
- Proven ability to strategically develop and implement curriculum at the College level
- Experience working with interdisciplinary teams and skilled individuals
- Effective creative thinking abilities to efficiently solve problems
- Bilingual in English and French

RELEVANT SKILLS AND EXPERIENCE

Technical Expertise

- Over 10 years of advanced programming experience with a portfolio of projects created with C#, C, Java, Javascript, ASP.NET, NodeJS, MySQL, MS SQL and MongoDB
- Certified professional with experience configuring production environments of VMWare ESXi, Active Directory domains, Terminal Services, Microsoft Exchange, Windows Server 2003/2008, Windows XP / Vista / 7 and Apple OSX 10.x
- Supported and consulted for organizations in healthcare, forensic lab, small business and retail sectors
- Post-secondary coursework in Data Structures, Microcomputer Interfacing, Large Scale Software Architecture, Numerical methods and Database Design

Healthcare Expertise

- Worked in Ontario healthcare system, with exposure to its agencies, funding models, EMR marketplace, provincial strategic priorities and chronic disease care models
- Developed and operationalized the Guelph Family Health Team IT Strategy
- Created a custom Information Management System for Family Health Team statistics
- Deployed new technology (portals, EMR systems) into primary care environments
- Coordinated with public, private, academic and community partners to undertake mutually interesting projects and initiatives
- Post-secondary coursework in Medical Image Processing, Bio-instrumentation, Human physiology, Epidemiology and Health Informatics Research Methods

Management and Business Experience

- Negotiated a quarter million dollar project with vendors and a group of 73 doctors
- Promoted and sold custom software to Family Health Teams throughout Ontario
- Presented as guest lecturer and presenter at academic and professional conferences
- Trained staff in security, information technology and privacy policies and procedures
- Interviewed, hired, trained, mentored and supervised students and employees
- Lead multiple projects in software development, construction, patient recruitment, web design and risk assessment
- Developed business plans and managed annual finances and budgets over \$300,000
- Created and led the Guelph Family Health Team Privacy Working Group and sat as a member of the Waterloo Wellington Privacy and Confidentiality Advisory Council
- Post-secondary coursework in Project Management and Procurement in Health Informatics

Post-Secondary Education Experience

- Developed curriculum, course material, rubrics and evaluations to meet program needs and address program and industry competency requirements
- Developed industrial and community relationships to improve student placement opportunities and incorporate applied learning into course projects and lectures
- Participated in Learning Management System (LMS) projects and proof of concepts regarding program, competency and course mappings
- Supported CHIMA program accreditation of the Bachelor of Applied Health Information Science degree program
- Supported the strategic development of ePractice initiatives
- Post-secondary coursework in Instructional Methods, Curriculum Development, Assessment and Evaluation, and Interactive Learning Processes

CAREER CHRONOLOGY

Conestoga College Institute of Technology & Advanced Learning Faculty and Program Coordinator Research Ethics Board Member Health Informatics Technologist Part-Time Instructor	2012 – present 2014 - present 2013 - 2014 2012 - 2014 2012 - 2014
Professional Consulting Services (Self-Employed)	2010-present
Guelph Family Health Team Information Systems Specialist	2007 - 2012
University of Victoria Research Assistant	2011
The Guelph Computer Shop Full-Time Entrepreneur, Sole Proprietor and General Manager	2005 - 2007

FORMAL EDUCATION & DEVELOPEMENT

Doctorate in Systems Design Engineering (PhD) Advanced Interface Design Lab, University of Waterloo <i>Research Areas: Persuasive Design, Cognitive Work Analysis, Data Quality, Primary Care</i>	2012 - present
Health Information Management Program Canadian Healthcare Association (CHA)	2014 - present
Masters of Science in Health Informatics (MSc) School of Health Information Science, University of Victoria <i>Thesis Title: Determining Non-Urgent Emergency Room Use Factors from Primary Care Data and Natural Language Processing: A Case Study</i>	2010 – 2012
Certificate in Staff Training and Adult Education Seneca College	2010 - 2011
Bachelor of Engineering Systems and Computing (BSc) School of Engineering, University of Guelph	2002 - 2007

RELEVANT TEACHING EXPERIENCE AND COURSE PORTFOLIO

Database Concepts and Business Intelligence Applications Conestoga College, PROG73410, Development and Delivery	Winter 2014
Field Studies in Health Informatics and Health Information Management Conestoga College, HIM71060, Development and Delivery	Winter 2014
Health Informatics 3 Conestoga College, HIM74050, Development and Delivery	Summer 2012 /Summer 2013
Information Systems Concepts Conestoga College, INFO71765 & HIM71090, Development and Delivery	Winter / Fall 2013
Privacy, Security and Confidentiality Conestoga College, HIM74070, Development and Delivery	Summer 2013

PUBLICATIONS IN HEALTH INFORMATICS AND HUMAN FACTORS

St-Maurice, J., Burns, C., "Medical Record Personalities and User Perception of Data in Primary Care", 2014 Human Factors Society Healthcare Symposium, March 2014

St-Maurice, J., Burns, C., "Finding Pavlov's Doc: Behavioral Insights towards Better Data in Primary Care", Healthcare Information Management & Communications Canada, May 2013

St-Maurice, J., Kuo, A., Gooch, P., "A Proof of Concept for Assessing Emergency Room Use with Primary Care Data and Natural Language Processing", *Methods of Information in Medicine* 2013 52 1: 33-42

St-Maurice, J., Kuo, A., "Analyzing Primary Care Data to Characterize Inappropriate Emergency Room Use" *Proceedings – MIE2012, Conference of the European Federation for Medical Informatics 2012*, Aug 26-29 2012, Pisa, Italy

St-Maurice, J., "Primary Care Data: Gold or Pyrite?", *Journal of Healthcare Information Management*, Spring 2011, pp 27-31

SCHOLARSHIPS AND AWARDS

Industrial Partnership Scholarship with TELUS Health National Science and Engineering Research Council of Canada (NSERC)	2012 – 2015
Lieutenant Governor's Silver Medal (<i>nominee</i>) University of Victoria	2013
Healthcare Information Management Systems Masters Award Healthcare Information and Management Systems Society (HIMSS)	2011
Steven Huesing Scholarship COACH: Canada's Health Informatics Association	2011
Denis and Pat Protti Award University of Victoria	2011
Graduate Student Award University of Victoria	2011-2012

INDUSTRY CERTIFICATIONS AND DESIGNATIONS

Canadian Health Information Management Professional Canadian Health Information Management Association	2017 (in progress)
Certified Information Privacy Manager (CIPM) International Association of Privacy Professionals	2015
VMware Certified Professional (VCP) VMWare Inc.	2011
Microsoft Certified Systems Engineer (MCSE) Microsoft Corporation	2009

COMMUNITY INVOLVEMENT, INTERESTS & AFFILIATIONS

Healthcare Information and Management Systems Society (Ontario) Board Member	2015 – present
Human Factors Society Student Member	2013 – present
International Association of Privacy Professionals Student Member	2012 – present
Advancing and Leveraging the Investment Value of EMRs (ALIVE) Project Steering Committee Member	2014
Ironman Athlete Muskoka 70.3, 2013 Wisconsin Ironman, 2014	2013 – present
Guelph Symphony Orchestra and Cuerdas Quartet Cellist	2007 – present
Big Brothers Big Sisters of Guelph Big Brother	2008-2009