

# Eric Kryski

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## EDUCATION

**Bachelor of Science in Computer Science**  
University of Calgary

08/2004-04/2012

## REFEREED CONFERENCE SHORT PAPERS

Eric Kryski, Ehud Sharlin. (2010) *Vehicle Personality Expressed Through Motion*. Adjunct Proceedings - Automotive UI 2010 (Pittsburgh, Pennsylvania November 11-12, 2010). Single page abstract plus poster.

Eric Kryski, Ehud Sharlin. (2011) *Emotive Expression Through the Movement of Interactive Robotic Vehicles*. Adjunct Proceedings - Interact 2011 (Lisbon, Portugal September 5-9, 2011). Seven page refereed short paper. Acceptance rate of 22%.

## TECHNICAL SKILLS

**Computer Languages:** Javascript, Python, C#, Java, C, ASP.net, XML, SQL, (X)HTML, AJAX, CSS, PHP, C++, Objective – C, Intel x86 Assembly, Unix-based Shell Scripting,

**Operating Systems:** Linux (Various Versions), Mac OS X, Microsoft Windows 95/98/ME/2000/XP/Vista/Windows 7

**Tools and Applications:** Sublime Text, Jenkins CI, Github, Eclipse, Git, Visual Studio 2008/2010, Microsoft TFS, Xcode, JUnit Testing Framework, SVN, Microsoft Office 2003/2007 Suite, Adobe CS3/CS4/CS5

**Domain Technologies:** MongoDB, SQL Server 2008, MySQL, SQL Light, CouchDB, Redis, Nginx, Various server/client side Javascript frameworks

## ADDITIONAL SKILLS

**Articulate Writer:** Successfully completed two conference short papers as an undergraduate student. During this experience I developed critical skills to effectively convey and critically assess technical topics in the areas of HCI and HRI.

**Team Player:** Collaborated with peers and employees as a dedicated team player in various settings such as laboratories, large and small-scale projects, competitive sport and construction developments.

**Analytical and Problem-Solving:** Implemented and debugged several programs such as a distributed asynchronous distance vector algorithm and embedded systems networking protocols. Most recently I single handedly migrated a mid-size SQL Server dataset to MongoDB.

**Strong Leadership and Self Motivation:** Have consistently taken leadership roles in group projects, including major contributions to design, analysis, and testing. Driven to succeed and produce the highest quality products possible.

**Design and Analysis:** Strong design skills that include creative and strategic thinking to complement continuous analytical criticism.

## WORK EXPERIENCE

### **CORTxT Inc. – MyMobileCoverage.com**

#### **Senior Software Developer/DBA**

05/2011 – Current

- Introduced development best practices, TDD, and other agile methodologies
- Assembled and managed teams of highly skilled engineers to produce mobile and web software
- Performed requirements analysis and assisted in directing business and product development based on those requirements.
- Re-architected and ported previous "prototype" Microsoft system to Node.js and MongoDB
- Helped define our user experience by utilizing previous experience with user centered design

### **University of Calgary – Faculty of Software Engineering**

#### **Software Developer/Tester**

01/2011 – 05/2011

- Implemented agile software development methodologies
- Successfully coordinated with team members to maintain high code quality over multiple iterations
- Revitalized website to create a more engaging showcase for agile surface engineering projects

### **University of Calgary – Faculty of Environmental Design**

#### **Head Software Developer/Fabrication Lead – "iConic"**

01/2010 - 05/2010

- Contributed extensively to multiple physical design iterations
- Implemented PWM, I<sup>2</sup>C, SPI and both hardware and software interrupts on 8-bit microcontrollers
- Successfully coordinated with the actuation team to design appropriate circuits and software
- Applied QA methodologies to accurately identify and remedy physical, hardware and software faults

### **Krysko Contracting Corp.**

#### **President**

04/2003 - 2012

- Designed projects and assembled quotes based on customer's requests.
- Successfully managed human resources, including teams up to eight people.
- Provided accounting services, including tax calculation and employee source deductions.
- Continually saw projects from stages of design through to construction and completion.
- Operated and maintained heavy equipment and tools.

### **Albert J. Kryski Professional Corporation/Calgary Heart Center**

#### **IT Systems Coordinator/Data Analyst**

09/1999 - 2011

- Organized and filed sensitive patient information.
- Used Health Quest medical software to enter patient information and bill for procedures.
- Provided technical support for the staff of CHC.
- Installed software, configured networks, and aided in troubleshooting program errors.

## INTERESTS

**Music:** violin, guitar and electronic music, certified by the Royal Conservatory of Music as a level 8 violinist

**Athletics:** Provincial and national level soccer player and long track speed skater.

**Recreational Activities:** Squash, soccer, hiking, snowboarding, yoga, movies, music composition

**Technology:** Software and web design, human computer interaction, network technologies and systems, building robots, wireless devices, embedded systems.

**Community:** I am actively involved in the open source development community. Late in 2011 I founded YYC.js, the Calgary Javascript group.