

Logan Gilmour

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Education

B.Sc. Honours Computing Science expected May 2013
University of Alberta, AB, CA
First-Class Standing

Technical Skills

Clojure, CouchDB, Eclipse, Git, Google Web Toolkit, Hibernate, HTML/CSS, Lua, Java, JavaCC, Javascript, JQuery, JSON, MySQL, PostgreSQL, SVN, Tomcat, XML

Experience

Sep 2012 - Present	<i>Undergraduate Research Assistant</i> Continuing development of a web-based e-learning tool I developed during summer 2012.
May 2012 - Aug 2012	<i>Undergraduate Researcher</i> Received an NSERC Undergraduate Summer Research Assistant scholarship to work in the Software Engineering Lab at the University of Alberta. Designed and implemented a prototype web-based e-learning tool that logs all user interactions using Clojure, ClojureScript, CouchDB, and Tomcat.
Jan 2012 - Aug 2012	<i>Teaching Assistant</i> Teaching assistant for CMPUT 297 at the University of Alberta. Aided students in learning course content during office hours, and graded programming quizzes and assignments.
May 2011 - Dec 2012	<i>Software Development Intern</i> Eight month internship as a software developer at the University of Alberta. Designed and implemented a prototype application for scheduling Health Care Aids, using Google Web Toolkit, Tomcat and PostgreSQL for scheduling application and PhoneGap for a mobile app for schedule viewing and task completion. Also adapted this software to schedule medication reminders for a smart-pillbox based on an Arduino microcontroller.
May 2010 - Dec 2010	<i>Undergraduate Research Assistant</i> Designed and implemented a declarative language for web-scraping in Java. Designed and implement an XML-based language for developing iPhone-based interactive spatial e-books in Objective-C and developed a demo e-book using the language I developed.
May 2010 - Present	<i>Self Employed</i> Built several web-pages using PHP on shared Apache hosting. Built two web-applications with GWT running on Tomcat hosted on Amazon EC2.

Publications

Abbey, B.; Alipour, A.; Gilmour, L.; Camp, C.; Hofer, C.; Lederer, R.; Rasmussen, G.; Lili Liu; Nikolaidis, I.; Stroulia, E.; Sadowski, C.; , "A remotely programmable smart pillbox for enhancing medication adherence," *Computer-Based Medical Systems (CBMS), 2012 25th International Symposium on*, pp.1-4, 20-22 June 2012

Interests

Linked Data research, skiing, rock-climbing, Brazilian Jiu Jitsu, music performance and composition, listening to audio-books

References available on request