

Logan Gilmour

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Education

B.Sc. Honours Computing Science expected May 2013
University of Alberta, AB, CA
GPA: 3.45, Major: 3.59
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

May 2012 - Present	Undergraduate Researcher <i>Service Systems Research Group Lab, University of Alberta, Dr. Eleni Stroulia, Dr. Sarah Forgie</i> Designed and implemented a prototype web-based e-learning tool that logs all user interactions using Clojure, ClojureScript, CouchDB, and Tomcat. Full-time summer 2012, part-time Fall 2012 - present.
Jan 2012 - Aug 2012	Teaching Assistant <i>CMPUT 297, University of Alberta, Dr. James Hoover, Dr. Michael Bowling</i> Aided students in learning course content during office hours, and graded programming quizzes and assignments.
May 2011 - Dec 2012	Software Development Intern <i>Health Care Aids and Technology project funded by Alberta Health and Wellness, Dr. Lili Liu</i> 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	Undergraduate Research Assistant <i>The Service Systems Research Group, University of Alberta, Dr. Margaret Mackey, Dr. Eleni Stroulia</i> 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. Designed and implemented a declarative language for web-scraping in Java.
May 2010 - Present	Self Employed 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

Awards

NSERC Undergraduate Summer Research Award	2012
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Dean's Honor Roll	2010-2011, 2011-2012
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Jason Lang Scholarship	2010, 2011
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Interests

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

References available on request