

Braden Simpson

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Education	University of Victoria <ul style="list-style-type: none">▪ Bachelor of Computer Science▪ Cooperative education program▪ Software Engineering option
Awards	<ul style="list-style-type: none">▪ NSERC Undergraduate Student Research Award -- May 2012 –September 2012▪ Passport to Education

Work Experience	<p>Java Developer / Researcher SEGAL Software Engineering Lab , University of Victoria – Victoria, BC</p> <ul style="list-style-type: none">▪ Completed a research project calculating socio-technical congruence in software projects with three others doing data mining of Git repositories using Java▪ Constructed callgraphs using the Eclipse AST parser▪ Mined large repositories, storing big data in PostgreSQL databases▪ REST API's to parse communication data in common bug trackers such as Jira (atlassian.org).▪ Visited the Mining Software Repositories Vision summer conference in Kingston, Ontario <p>Contract Software Developer Alter-Ego Marketing Group – Victoria, BC</p> <ul style="list-style-type: none">▪ Part time contract web development in JavaScript, jQuery, PHP, HTML5, CSS/LESS▪ Completed work for several different clients▪ Work ranged from requirements elicitation to development <p>Software Developer IBM Software Lab – Victoria, BC</p> <ul style="list-style-type: none">▪ Developed a large-scale web application working in both server and client code▪ Used Java EE, Maven, Tomcat, JavaScript, HTML, CSS, Dojo Toolkit.▪ Practiced agile software development using daily scrum and backlog management tools. <p>Software Developer in Test SUBNET Solutions – Calgary, AB</p> <ul style="list-style-type: none">▪ Developed an automated testing framework in C# and Microsoft UI Automation tools▪ Wrote a test harness to manage running and reporting the results of testing▪ Transcribed over 300 manual test cases to be automated using the new framework <p>Open Source Projects Software Development <i>Agilefant.org</i></p> <ul style="list-style-type: none">▪ Java EE work with Tomcat, Spring, Maven, and Web technologies▪ Used agile methods to develop using a well-defined process.▪ Acted as team leader for a group of 5 developers, with reporting and meetings with the product owner
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	<p><i>Meteorjs</i></p> <ul style="list-style-type: none"> ▪ Contributed to the Meteor project (meteor.com) by writing Node.js code ▪ Wrote a package to give OAuth access to the Github API in meteor applications.
Personal Projects	<p>Aduno Aduno is an open source real-time collaborative task articulation website written in Node.js, Meteorjs, LESS, and other web technologies. It leverages Github to use as an issue tracker and allows whiteboard like collaboration on work items. Project source can be found at Github.</p> <p>Gravity Gravity is an open source 2D side scrolling puzzle game written in C++ using SDL. It is still undergoing development by myself and one other colleague.</p>
Additional Information	<p>Hobbies</p> <ul style="list-style-type: none"> ▪ Playing almost any sport, most specifically hockey, basketball, and baseball ▪ Road biking, I am an avid biker and like cycling long distances ▪ Experience playing guitar, and always very interested in learning new music ▪ Keeping up with new technology, mostly new web startups and interesting projects ▪ Have previously worked in kitchens as a line chef, and really enjoy cooking at home <p>Research</p> <ul style="list-style-type: none"> ▪ Data mining, specifically large unstructured data sets ▪ Finding social and technical patterns in communication and repository data ▪ Using non-standard repositories as datasets ▪ Computer Supported Collaborative Work and software to help team dynamics and workflow
References	<p>Daniela Damian, Ph.D Associate Professor of Software Engineering University of Victoria Victoria, BC Canada danielad@cs.uvic.ca</p> <p>Adrian Schroeter, MSc. Ph.D Candidate at UVic SEGAL Lab University of Victoria Victoria, BC Canada schadr@uvic.ca</p> <p>Jesse McClinton, MSc. Founder, Alter-Ego Marketing Group Victoria, BC jesse@aemg.ca +1.250.415.9745</p> <p>More references available upon request.</p>