

Prian Kuhanandan

Systems Design Engineering – University of Waterloo

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Skills	<div><div>Languages</div>Python, Ruby, Java, C++, JavaScript/JQuery, HTML/CSS</div> <div><div>Web Frameworks</div>Django, Ruby on Rails</div> <div><div>Other</div>OOP, Git, Subversion, SQL, NoSQL (CouchDB), SolidWorks</div> <div>Working with data structures, and algorithms</div> <div>Building fast, snappy user interfaces with responsive design in mind</div> <div>Writing efficient, modular code to optimize performance and readability</div> <div>Writing detailed and thorough documentation</div> <div>Modelling 3D objects using SolidWorks and similar CAD software</div> <div>Learning quickly and working hard to deliver under tight deadlines</div>
Experience	<div><div><div>Web Application Developer</div><div>September 2015 - Present</div><div>BitCircle Inc</div><div>Designed and implemented intuitive, attractive user interfaces using libraries such as Bootstrap and JQuery UI. These include several IOT applications including a home automation and health & fitness dashboard. Also completed some basic IOT integration work using crossbar.io. Optimized performance using asynchronous asset loading and open source libraries such as require.js.</div></div><div><div><div>Software Developer</div><div>January 2015 - April 2015</div><div>Blackberry Limited</div><div>Built internal web tools using Ruby on Rails, Bootstrap and MySQL. Participated in Agile (scrum) development environment. Built an application that allows users to build custom VM images. Worked from design to deployment, and gave a demonstration of the project at a department meeting.</div></div></div></div>
Software Projects	<div><div><div>Wildflower Finder (wildflowerfinder.com)</div><div>Independent – Ruby on Rails Web application</div><div>Online step-by-step wildflower identifier for wildflowers of Eastern North America. Allows users to find the name of flowers they spot and more information about them.</div></div><div><div><div>Timeline</div><div>Independent – Django Web application with CouchDB backend</div><div>File organization and sharing platform. An exploration into Django and NoSQL databases.</div></div><div><div><div>Birds of Ontario</div><div>Independent – Native Android app</div><div>Quiz game that helps users learn to identify birds, both visually and by their songs/calls</div><div>Experimented with various types of layouts to create an effective interface</div><div>Includes both multiple choice and text input modes</div></div><div><div><div>Human Resources Management Software</div><div>Collaborative - Java Application with a Graphical User Interface</div><div>Database with a user interface built using Java Swing library</div><div>Includes basic email functionality built using java.net classes</div></div></div></div></div></div>
Interests	<div>Outdoor Recreation: Birding, hiking, canoeing and backcountry camping</div> <div>Guitar and Ultimate Frisbee</div>