

# Alex Kluew

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## Technical Experience

Software Developer	<i>Final year capstone project</i>	09/2016	05/2017
<ul style="list-style-type: none"> <li>- Team got the highest grade in course for Fall 2016</li> <li>- Responsible for overall planning, architecture, deployment, and troubleshooting</li> <li>- Held bi-monthly meetings with client</li> <li>- Mobile first design</li> <li>- Ruby on Rails for back-end REST API (hosted on Heroku) and Ember.js for front-end GUI (hosted on Surge)</li> <li>- Backend and frontend communicate using json:api specification</li> </ul>			
Software Developer	<i>Independent research project</i>	09/2016	12/2016
<ul style="list-style-type: none"> <li>- Worked on a linkedin like application that allows local businesses to recruit local talent</li> <li>- Refactored ruby on rails code base and made it compliant to json:api spec</li> <li>- Responsible for overall planning, architecture, deployment, and troubleshooting</li> <li>- Held weekly meetings with client</li> <li>- Ruby on Rails for back-end REST API (hosted on Heroku) and Ember.js for front-end GUI (hosted on Heroku)</li> </ul>			
Freelancer	<a href="#"><i>Milieu</i></a>	05/2016	09/2016
<ul style="list-style-type: none"> <li>- Refactored the application to support i18n for English and French languages (flexible to add others)</li> <li>- Implemented SSL (via letsencrypt) with automated renewal</li> <li>- Implemented quality assurance process in combination with continuous integration using codeship</li> <li>- Added authorization and authentication</li> <li>- Automated various manual tasks (ex: daily db backups to a remote location)</li> <li>- Analyzed and improved database querying</li> <li>- Gave input on current and future system architecture</li> <li>- Managed Ubuntu Box (setup user access, managed production deployment) - DigitalOcean</li> <li>- Ruby on Rails on back-end and a combination of vanilla JS and React.js on front-end</li> </ul>			
Software Developer	<i>IBM Canada - Cognos Analytics Project</i>	01/2016	04/2016
<ul style="list-style-type: none"> <li>- Enterprise front-end JavaScript development; JavaScript Unit Testing</li> <li>- Web accessibility, keyboard navigation, responsive cross-browser design (IE, FF, Chrome, iOS Safari)</li> <li>- Agile &amp; scrum software development methodologies</li> </ul>			
Software Developer	<i>Teldio - D3MRadios Project</i> <a href="http://d3mradios.com"><i>(d3mradios.com)</i></a>	05/2015	12/2015
<ul style="list-style-type: none"> <li>- applied Ruby on Rails on the back-end and JavaScript (Marionette.js) on the front-end to design, develop, and test several features</li> <li>- created an in-house converter from HTML to PDF for the Prawn Ruby gem</li> <li>- secured user's file downloads and uploads to/from S3 using Ruby</li> <li>- developed a baseline for the application's load time by investigating various application servers, Amazon Cloudfront CDN, and nginx</li> <li>- Agile software development methodologies</li> </ul>			

## Other Experience

Senior HR Assistant	<i>Statistics Canada</i>	06/2016	Present
Teaching Assistant	<i>University Of Ottawa - Engineering Department</i>	05/2016	12/2016
President	<a href="#"><i>Software Engineering Student Association</i></a>	01/2016	01/2017
Vice President	<a href="#"><i>Software Engineering Student Association</i></a>	10/2015	12/2015
Director of Media Relations	<a href="#"><i>Software Engineering Student Association</i></a>	04/2015	09/2015
Owner/Photographer	<i>Get A Kluew Photography (<a href="http://getakluew.com">getakluew.com</a>)</i>	05/2014	Present
Courier	<i>HealthTrans Services Inc</i>	05/2013	09/2013
Courier	<i>FedEx Express</i>	05/2012	09/2012
Retail Sales	<i>Canadian Tire</i>	11/2007	09/2011

## Education

Software Engineering (B.A.Sc.)	University of Ottawa	01/2014	05/2017 (expected)
Psychology (B.Sc.)	University of Ottawa	09/2006	10/2010

## Awards

Dean's honour list (awarded in march, 2017)	2016-2017
Dean's honour list (awarded in november, 2015)	2014-2015
Summer Company Grant (awarded in summer, 2014)	

## Technical Skills

<i>Languages &amp; Markups</i>	Ruby, JavaScript, Java, Handlebars, Coffeescript, LaTeX, HTML5, CSS3, JSON, Dot.js, Markdown
<i>Libraries &amp; Frameworks</i>	Ruby on Rails, Ember.js, jQuery, React.js, Node.js, Backbone.js, Marionette.js, Intern.js, Chai.js, RSpec, JUnit, Mockrunner, QUnit
<i>Tools &amp; Practices</i>	Git, Heroku, TravisCI, PostgreSQL, Codeship, AWS (S3, Cloudfront), Jazz RTC, Maven, JIRA, Surge.sh, ESLint, JSHint, IBM Bluemix, Redis, Cloudflare, json:api
<i>Other</i>	Adobe Photoshop, Lightroom, Premiere Pro