

# Adam Melnyk

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<b>OBJECTIVE</b>	A position in the field of Software Engineering with special interests in tools, application development, and scalable web services	
<b>EDUCATION</b>	<i>Bachelor of Arts</i> University of Alberta, Edmonton, AB, Graduated December 2014 Concentration: Computing Sciences Minor: Philosophy	
<b>COMPUTER SKILLS</b>	Java, Javascript (ES6), Ruby on Rails, Node.js, Serverless, Bash, SQL, Docker	
<b>EXPERIENCE</b>	<i>Software Engineer</i> HomeAway, Austin TX	October 2017 - Present
	<ul style="list-style-type: none"><li>• Development of Geographical Search API's and tools as a part of the Geo, Search Services Team</li><li>• Building scalable web services with <i>Java 8</i>, <i>Dropwizard</i>, <i>Jersey</i>, <i>Kafka</i>, and <i>Elasticsearch</i></li><li>• Using <i>Jmeter</i> and <i>Taurus</i> for automated load testing</li><li>• Building and maintaining <i>Javascript</i>, <i>Bash</i> tools and services for Geo Analytics</li><li>• Building batch services with <i>Spring Batch</i></li><li>• Updating an existing monolith from <i>Elasticsearch</i> 1.7 to 5.6</li></ul>	
	<i>Software Engineer</i> Ownlocal, Austin, TX	August 2016 - August 2017
	<ul style="list-style-type: none"><li>• Built pipelines and backend software with <i>Serverless framework</i>, with <i>AWS Lambda</i>, <i>Step Functions</i>, and <i>S3</i></li><li>• Modeled data for and designed a WYSIWYG website editor using <i>React</i></li><li>• Automated deploys and personal staging environments with <i>Bash</i> and <i>CircleCI</i></li><li>• Built API's with <i>Go</i> and <i>Postgres</i></li><li>• Maintained legacy systems with <i>Ruby on Rails</i>, <i>Docker</i>, <i>Rancher OS</i>, <i>Redis</i>, and <i>MySQL</i></li></ul>	
	<i>Full-Stack Web Developer</i> Alberta Motor Association, Edmonton, AB	December 2014 - July 2016
	<ul style="list-style-type: none"><li>• Developed microservices, web applications, and APIs with <i>Ruby on Rails</i>, <i>Sinatra</i>, and <i>Postgres</i></li><li>• Built banking calculators using <i>Ember.js</i></li></ul>	

## PROJECTS

Optimization of class scheduling using *Particle Swarm Optimization*  
**Jif:** Analyzer and editor for the GIF89a format using *Ruby*