Adam Melnyk

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OBJECTIVE

A position in the field of computer science with special interests in application development, security, web development, and information technology

EDUCATION

Bachelor of Arts
University of Alberta, Edmonton, AB, Graduated December 2014
Concentration: Computing Sciences
Minor: Philosophy

COMPUTER SKILLS

Java, Javascript (ES6), Ruby on Rails, Node.js, Serverless, Bash, Go, SQL, Ansible, Docker

EXPERIENCE

Software Engineer   October 2017 - Present
HomeAway, Austin TX

- Building scalable web services with *Java 8*, *Dropwizard*, *Jersey*, *Kafka*, and *Elasticsearch*
- Using *Jmeter* and *Taurus* for automated load testing
- Building batch services with *Spring Batch*
- Updating an existing monolith from *Elasticsearch* 1.7 to 5.6

Software Engineer   August 2016 - August 2017
Ownlocal, Austin, TX

- Built pipelines and backend software with *Serverless framework*, with *AWS Lambda*, *Step Functions*, and *S3*
- Modeled data for and designed a WYSIWYG website editor using *React*
- Automated deploys and personal staging environments with *Bash* and *CircleCI*
- Built API's with *Go* and *Postgres*
- Maintained legacy systems with *Ruby on Rails*, *Docker*, *Rancher OS*, *Redis*, and *MySQL*

Full-Stack Web Developer   December 2014 - July 2016
Alberta Motor Association, Edmonton, AB

- Developed microservices, web applications, and APIs with *Ruby on Rails*, *Sinatra*, and *Postgres*
- Mortgage, savings, and affordability calculators for banks with Ember.js

PROJECTS

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