

# Lukasz Rozycki, E.I.T.

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## LINKS

Github:// [lukaszroz](#)

LinkedIn:// [lukaszrozycki](#)

## SKILLS

### PROGRAMMING

Over 5000 lines:

Ruby | JavaScript | Java

Over 1000 lines:

Scala

Familiar:

C | Python | MySQL | Bash |  $\text{\LaTeX}$

MATLAB/Octave

### ENVIRONMENT

Over 5 years:

HTML | CSS | GIT | IntelliJ IDEA |

Linux

Over 2 years:

XML | JSON | Ember.js | Ruby on Rails

Handlebars | SVN | Windows Server

## PERSONAL PROJECTS

2016

### APEGA/NCEES

The Fundamentals of Engineering (FE) exam

### COURSERA

Machine Learning (*by Andrew Ng*)

2012

### CONCURRENCY IN JAVA AND SCALA

Master Thesis

## EDUCATION

### AGH UNIVERSITY OF SCIENCE AND TECHNOLOGY

MScEng in APPLIED COMPUTER

SCIENCE

May 2012 | Krakow, Poland

## ABOUT

### SOFTWARE ENGINEER

- Over 6 years of industry experience.
- Engineer in Training member of The Association of Professional Engineers and Geoscientists of Alberta (APEGA).
- Passed NCEES Fundamentals of Engineering (FE) exam.
- Graduated AGH University of Science and Technology with Master of Science in Engineering degree.

## EXPERIENCE

### ACADEMY PETROLEUM INDUSTRIES | SOFTWARE DEVELOPER

Nov 2012 - Present | Edmonton, AB

- Designed and developed rich Internet application to meet business requirements
- Combined multiple technologies to provide best value, including:
  - RESTful API using Ruby on Rails and ActiveRecord::Serializers
  - Single-page application using Ember.js and Bootstrap frameworks
  - Reporting engine JasperReports
  - Solr-powered search engine Sunspot
  - MySQL relational database
  - Linux Mint operating system
- Provided system administration and technical support
  - Network management
  - Microsoft Windows, Server and SQL Server, and Ubuntu administration
  - Legacy Microsoft Access and Visual Basic business management software maintenance
- Created Java Swing and single-page application prototypes to help evaluate both approaches

### CRAIG & KUMAR MANAGEMENT CONSULTING | IT ANALYST

Aug - Oct 2012 | Edmonton, AB

- Developed JAX-WS Web Services on JBoss platform
- Performed administrative task such as updates, back up and configuration changes on VMware ESXi/vSphere, Microsoft Server and SQL Server

### SABRE | SOFTWARE DEVELOPER

Jul 2010 - Jun 2012 | Krakow, Poland

- Improved code quality through refactoring and introducing Checkstyle and PMD to provide metrics
- Increased performance by introducing caching to database connectivity
- Debugged application and reviewed code to locate and eliminate concurrency bugs
- Simplified application architecture by replacing ServiceMix binding components connectivity with Camel endpoints
- Developed server monitoring system with JVM statistics and email notifications