

# Lukasz Rozycki EIT

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## SKILLS

### PROGRAMMING

Over 5000 lines:

Ruby | JavaScript | Java

Over 1000 lines:

Scala

Familiar:

C | SQL | Bash | Python | C++ | L<sup>A</sup>T<sub>E</sub>X

MATLAB/Octave

### ENVIRONMENT

Over 5 years:

HTML | CSS | GIT | XML

IntelliJ IDEA | Ubuntu Linux

4 years:

JSON | Ember.js | Ruby on Rails

Windows Server

2 years:

Scrum | Jira | SVN

Jenkins | Maven | Spring

## PERSONAL PROJECTS

2016

### APEGA/NCEES

Fundamentals of Engineering exam

### COURSERA

Machine Learning (by Andrew Ng)

2012

### MASTER THESIS

Concurrency in Java and Scala

## EDUCATION

**AGH UST** M.Sc.ENG.

APPLIED COMPUTER SCIENCE

May 2012 | Krakow, Poland

## ABOUT

### SOFTWARE ENGINEER

- Active member of software community, attending Startup Edmonton meetups: Go, Data Science and monthly Hack Days
- Passionate about learning through online courses, programming sites, books
- 6 years of professional experience, from back-end and front-end development to network and system administration
- Hobbies: cross country skiing, tennis, science fiction, literature

## EXPERIENCE

### SOFTWARE ENGINEER ACADEMY PETROLEUM INDUSTRIES

Nov 2012 - Present | Edmonton, AB

- Designed and developed custom business management software (quotation, work order cost tracking, reports generation)
- Gathered requirements directly from management and end users
- Developed RESTful API back-end using Ruby on Rails
- Developed single-page application front-end using Ember.js and Bootstrap frameworks
- Utilized MySQL relational database management system
- Implemented automated time sheet data gathering using bar-coding system
- Incorporated reporting engine JasperReports and Solr-powered search engine Sunspot
- Supported legacy software (Microsoft Access, SQL Server and Visual Basic)
- Reduced costs by installing point-to-point outdoor wireless bridge
- Provided system administration and technical support

### IT ANALYST CRAIG & KUMAR MANAGEMENT CONSULTING

Aug - Oct 2012 | Edmonton, AB

- Developed JAX-WS Web Services on JBoss platform (Java EE)
- Maintained VMware ESXi/vSphere, Microsoft Server and SQL Server

### SOFTWARE DEVELOPER SABRE

Jul 2010 - Jun 2012 | Krakow, Poland

- Developed and tested scalable Java EE web services orchestration application
- Improved code quality through refactoring and introducing software metrics (Checkstyle and PMD) to Jenkins CI pipeline
- Increased performance by introducing distributed caching (Ehcache)
- Debugged application, reviewed code and created tests to locate and eliminate concurrency bugs
- Developed monitoring system with JVM statistics and email notifications