Ruslan **Sakevych**

SOFTWARE ENGINEERING INTERN · GOOGLE INC.

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Education

Taras Shevchenko National University of Kyiv   *Kyiv, Ukraine*

B.S. IN COMPUTER SCIENCE AND ENGINEERING WITH MINOR IN MATHEMATICS   *Sep 2014 - PRESENT*

- **Top 3** in university rating based on academic achievements.
- Grade average **GPA 4.0**

Employment

Google Inc.   *Mountain View, US*

SOFTWARE ENGINEERING INTERN   *May 2016 - Aug 2016*

- Created service to generate builds out of targets
- Performed evaluation of different batching strategies.
- Developed ML model get build memory usage estimates and predict Out Of Memory errors.
- Java; Go; Python; Machine Learning; MapReduce; Guava; Protocol Buffers; gRPC; Guice; Dremel(database); Bazel; Perforce

Projects

Sequential Method   *2 month*

EXPRESSION EVALUATOR FOR CLASSIC FIRST-ORDER LOGIC   *2 engineers*

- Checker of experssions in classic first-order logic. Generates counterexample if one exists.
- Java; Javascript; Spring Boot; D3.js; MathJax; RESTfull; Maven

Smart Pacmans   *1 month*

EVOLUTION OF NEURAL NETWORKS   *2 engineers*

- Attempt to learn neural network with genetic algorithm.
- Put neural networks in simple environment with basic laws of nature(e.g. selection, mutation, crossing) and watch how they evolve.
- C#; XNA Game Studio; Neural Network Toolbox

Neural Networks Toolbox   *3 weeks*

EXPERIMENT WITH NEURAL NETWORKS   *2 engineers*

- Library with low-level elements to build different kind of neural networks.
- Contains some pre-implemented neural networks and algorithms for supervised and unsupervised learning with examples.
- C#; C++(partially)

Additional experience

AWARDS

2014	**2nd place out of 197,** Crypto Cup 1.0 on Codeforces	*online*
2015	**17th place out of 62,** ACM ICPC Quarterfinals(SEERC)	*online*
2012/14	**Bronze medal,** All Ukrainian School Olympiad in Informatics(UOI)	
2011	**Bronze medal,** All Ukrainian School Olympiad in Mathematics(UMO)	

EXTRACURRICULAR

2015	**1st year in Computer Science,** The Yandex School of Data Analysis	*Kyiv, Ukraine*
2015	**Volunteer,** Javaday 2015	*Kyiv, Ukraine*
2015/16	**Judge & Problem Setter,** XXII Champions Tournament(Ukrainian Complex Olympiad)	*Vinnitsya, Ukraine*
2013/14	**Lecturer of «Algorithms & Data Structures»,** Summer school	*Vinnitsya, Ukraine*