Grzegorz Szpak

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EDUCATION

Master of Science, Computer Science   October 2014 - December 2016
University of Warsaw, Faculty of Mathematics, Informatics and Mechanics

Bachelor of Science, Mathematics   October 2014 - October 2016
University of Warsaw, Faculty of Mathematics, Informatics and Mechanics

Double Degree Program in Computer Science   October 2011 - July 2014
and Mathematics (first cycle)
University of Warsaw, Faculty of Mathematics, Informatics and Mechanics
- *Bachelor of Science*, Computer Science   July 2014

EXPERIENCE

Software Engineer   January 2016 - present
DaftCode sp. z o.o.
Warsaw, Poland
- Developing a Real-Time Bidding platform (Python, C++)
- Building a machine learning model for predicting click-through rate in online advertising (Python, scikit-learn)

Software Engineering Intern   September 2015 - December 2015
PageBites, Inc. (d.b.a. imo.im)
Palo Alto, California, USA
- Working on data consistency in a highly distributed system (Python)
- Detecting unwanted activities in a social network (Python)

Software Engineer   October 2013 - September 2014
Lex43 Sp. z o.o.
Warsaw, Poland
- Creating web applications using Pyramid, SQLAlchemy and Ember.js
- Optimizing web server
- Part-time job

Java Developer Intern   August 2013 - September 2013
Dev Team in Computer Networks Department, University of Warsaw
Warsaw, Poland
- Creating web applications using Seam, Hibernate, Maven, TestNG and Mockito

TECHNICAL SKILLS

Operating Systems: Unix

Programming languages: Python, C, C++, Java, Haskell, SQL, x86 Assembly, R, Javascript, HTML, CSS

Databases: Redis, PostgreSQL, MySQL

Frameworks: Pyramid, SQLAlchemy, Hadoop, Tornado, Django, Flask

Libraries: scikit-learn, pandas, numpy, scipy, celery, STL

Tools: Git, Docker, Jupyter Notebook, Phabricator, Mercurial

Other: Machine learning, big data mining and processing, algorithms, object-oriented programming, relational databases, concurrent computing, distributed systems, operating systems (Linux kernel), functional programming, software testing, advanced mathematical skills

LANGUAGES

English: advanced
German: intermediate

ACHIEVEMENTS

Finalist of LXII Polish Mathematical Olympiad	2011
Finalist of LXI Polish Mathematical Olympiad	2010

OTHER ACTIVITIES

Grader in Polish Mathematical Olympiad
for Junior High School Students

October 2011 - December 2011,
October 2012 - December 2012,
October 2013 - December 2013