

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 - September 2016
University of Warsaw, Faculty of Mathematics, Informatics and Mechanics

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

- *Bachelor of Science, Computer Science* July 2014

EXPERIENCE

Software Engineer November 2017 - present
PageBites, Inc. (d.b.a. imo.im)
Palo Alto, California, USA

- Building a highly distributed system serving as a backend for a mobile messaging application used by tens of millions of users every day (Java, netty, Python)

Data Scientist January 2017 - October 2017
Growbots, Inc.
Warsaw, Poland

- Building pipelines for processing large volumes of data (Airflow, Spark)
- Building machine learning models solving various Natural Language Processing problems (Python, scikit-learn)

Software Engineer January 2016 - December 2016
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. (d.b.a. SzybkaPapuga.pl)
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:** Java, Python, Scala, C++, C, SQL**Databases:** Redis, Cassandra, PostgreSQL, MySQL, LevelDB, HBase (basics),**Frameworks & libraries:** Spark, Kafka, Hadoop, Airflow, Netty, Tornado, Flask, SQLAlchemy, Python ML stack**Tools:** Git, Mercurial, Docker**Other:** Distributed systems, microservices, asynchronous programming, basics of reactive programming, machine learning, big data processing, OOP, algorithms, solid mathematical background**LANGUAGES****English:** advanced**German:** intermediate**ACHIEVEMENTS**

Finalist of LXII Polish Mathematical Olympiad

2011

Finalist of LXI Polish Mathematical Olympiad

2010