

Robert Kozikowski

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Experience

Jan 2014 - **Google**, *Software Engineer*, London, Java, Python.

Now Google Search

- Logs and data analysis - Collected, processed and analyzed petabytes of data. Built continuous data processing pipelines spanning thousands LOC and ingesting 30+ TB per day. Created dashboards and analysis tools. Used stats and ML.
- Performance and reliability - Improved the android search app latency. Reduced the memory, battery and bandwidth footprint. Fixed reliability problems. Designed and implemented APIs with focus on efficiency, concurrency, and robustness.

2013 **Contracting and various jobs.**

Created a one person consultancy company and worked on a various jobs including:

- Distributed logs analysis SaaS on amazon web services using scala.
- Optimizing the android application performance.

Summer 2012 **Google**, *Intern*, Dublin, Python, JavaScript.

End to end implementation of a web based data analysis tool, including frontend and backend.

Summer 2011 **Microsoft**, *Intern*, Headquarters, C++.

Added a performance focused feature to a distributed database used in the Bing search engine.

Education

2009 - 2012 **BSc, Computer Science**, *University of Warsaw*.

Technical proficiency

Languages Java, Python, C++, JavaScript, Scala.

Specializations Algorithms and data structures, android, performance and latency optimization, data analysis, statistics, machine learning.

Other

Programming **81th place at Google Code Jam 2010**, Bronze medal at Polish olympiad in informatics

Contests 2009, successes and many problems solved on ACP ICPC, TopCoder, Hackerrank, etc.

Publications Applications of algorithms in programming contests, ISBN 978-83-930856-3-7 (Co-author with Jacek Tomasiewicz).

Courses Machine learning on coursera.