



# Senior Engineer and/or Data Scientist of Search

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## About the company

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Our consulting group is a family of experts in microelectronics, where large companies come for advice in the most daunting semiconductors and microelectronics challenges.

Whatever your view is on high tech electronics, there is always a nice project running in QploX

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## Job Description

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- You will work with a team of applied scientists and engineers who are responsible for all stages of the search engine including offline page storing/analysis/indexing, online querying/reranking/sorting. Your responsibilities will include:
- Design, develop, test, deploy, maintain and debug software programs for the key stages of the whole search sub-systems.
- Creates and implements new or uses existing traditional and deep learning algorithms, to solve applied problems in search engine, such as machine translating, text classification, NLU, etc. Lead the team to break through major algorithmic issues.
- Customize universal search features to local language and applications.
- Design and localize universal search engine, such as multi-language recognition, adapt to local applications and POI.

**Primary Location:** Amsterdam

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## Candidate Description

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Required Qualifications:

- MS/BS in CS/EE, mathematical or machine learning related subjects.
- Strong experience in designing, developing and shipping software (Minimum: 5 years).
- Excellent coding abilities in C、C++、Java、Python.
- Strong programming and algorithm design skills and real passion for search engine.
- Expertise in two or more areas of large scale search systems (distributed database internals, performance optimization, data warehousing and integration, query optimization, indexing, memory management, distributed file system, etc.).
- Knowledge and understanding of parallel programming, thread programming, concurrency control and scalability.

Preferred Qualifications

- Working experience in MS Bing, Google Search, Yanex or related search operators.
  - Academic achievements in searching related area, such as Information Retrieval, NLP, Multi-language recognition/extraction, Knowledge Graph, etc.
  - Concrete product experience in natural language processing, machine learning, deep learning or data mining area.
  - 5+ years designing, developing large scale, high performance data storing, indexing, ranking system.
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## We offer

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We are proud of our open, multicultural, and informal working environment with ample possibilities to take initiative and show responsibility. We commit to supporting and guiding you in this process; not only with words but also with tangible actions. We actively invest in your development to further your technical and personal growth. Your energy and commitment are appreciated by means of a competitive salary with many fringe benefits.

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## Contact

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Send your CV and application letter to [jobs@qplox.com](mailto:jobs@qplox.com) indicating the position in the subject

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