Tuning the Search Engine at nonoRank

We envision a web free of malicious connections and fakes sites. A web in which privacy is not hard to use or not properly functioning. A web trusted by everyone and at the same time fun to explore. Welcome to the search engine of the 21st Century

Company

nonoRank attempts to create a safe portal to the web. At the moment the company focuses on a web search engine compliant to GDPR policies, advanced encryption, and safety, without selling users data or tracking them. At the same time using a new style and design compliant to a search engine of the 21st century. We encourage users and companies to take back their integrity online without spreading their information unless strictly necessary, while at the same time having fun with online queries.

Job brief

We offer a Master Thesis within the area of tuning and optimization. The work includes testing different techniques on our engine and indexer, analyzing the outcome and developing a strategy for optimizing the engine with real data.

The position may focus either on tuning the current engine techniques testing different parameters with each other or implementing and developing new techniques on the engine or both according to the interests of the student.

Offer

• The position is located in Ultuna, Ulls väg 29C (Green Innovation Park)
• Fika is included at our offices
• The student will be supported side by side with one of our experts on the field.
• You will work in the first Scandinavian Search Engine.

Responsibilities

• Analyze and understand ranking and evaluation algorithms for the web.
• Having a clear distinction between indexers, crawlers and raw data dealers.
• Design an algorithm and/or technique for optimizing the engine's indexers information retrieval.
• Analyze and test such algorithm with its different parameters: keywords, title, snippets, etc.

Requirements
• Advanced Algorithms and Complexity (the course Algorithms and Datastructures III is not mandatory but is a huge plus from the student side)
• Data Mining or Information Retrieval
• Problem solving skills and ability to work under pressure
• BS degree in Computer Science or related field