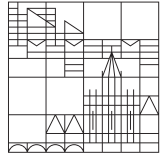


Visual Graph Query Interface for Neo4j

Universität
Konstanz



HiWi Job

Summary

Design and development of a visual interface that will allow the formulation of graph queries and the visualization of results using Neo4j as backend.

Expected Outcomes

The expected outcome of this project is a web (or desktop) application that works as an extension of Neo4h and offers the following functionalities:

- formulation of graph pattern queries visually
- expression of constraints on the formulated graph queries
- translation of the visual graph patterns to CYPHER queries
- processing of the formulated queries on Neo4j

Requirements

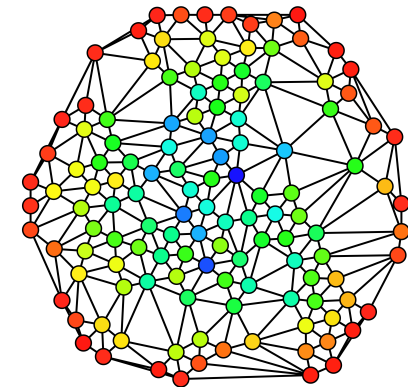
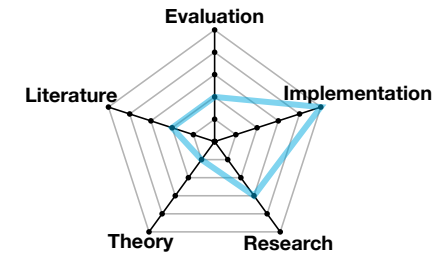
- Experience in any programming language that suits the needs of the project
- Experience with designing user interfaces

Preferable

- Experience with data and/or graph visualization
- Courses on Graph Algorithms and Data Structures (or similar)

Benefits

- Flexible working hours
- Possibility for project/thesis
- Push state of the art and work with real-world applications
- Drink the best coffee at the University



Contact



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