Master Thesis – Hands on machine learning

Background
This Ericsson is hosting one of the biggest telecom labs in the world to support the development of mobile networks. These networks serve as a cornerstone for the networked society (https://www.youtube.com/watch?v=eZPGsrXR4io) where everything that benefits from a connection should be connected. Ericsson researchers and developers are now working on several solutions automating everyday tasks. That's where you now have the possibility to contribute with new functionality and insights.

Thesis Description
Each year, hundreds of teams around the world handle their part of many thousands of work requests. One of the problems is to get the correct request to the correct team. By analyzing the content along with additional data sources we believe AI can be of great help to dispatch work orders based on the request.

You will investigate, develop and deploy an automated solution that analyze and optimize dispatching of work requests using machine learning that will help improve the efficiency for the teams.

The thesis will be concluded with a result presentation along with deployment at Ericsson sites around the world.

Qualifications
This project aims at students in computer science, computer engineering or similar. Knowledge in object oriented programming and machine learning is preferred.

Extent
1-2 students, 30hp each

Location
Ericsson AB Mjärdevi, Linköping

Preferred Starting Date
Autumn 2018 or Spring 2019

Keywords
Object oriented programming, AI, Optimization, Machine Learning

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