# Life is what happens while you are busy making other plans

**Solving the Tedium of Supermarket Shopping with Machine Learning**

Or is it? What if you could minimize the time it takes to plan your daily life. Specifically the time spent figuring out what to eat for dinner every day, figuring out which ingredients to buy, which ones are healthy and ecological? Most people go to the store several times a week, sometimes daily. We want to help them save that time to be free to live their lives.

## Objectives

We are building a new way to shop for groceries. Central to that is an app that will learn what you buy every time you visit the store. Based on this accumulating data a weekly shopping list of basic goods will be generated by utilizing the latest in machine learning technologies. Your task in this master thesis will be to dive into the core issues related to these machine learning components. How does the system catalogue the massive flow of input data? How does the system sort through what is one-off purchases, what is seasonal variations and what is emerging purchase patterns?

* Develop the core machine learning algorithms based on existing prototype data
* Build a proof of concept system with all required core components
* Document all development to ensure smooth handover to production environment

## Location

The work will be conducted at our offices in Malmö (MINC building).

## Compensation

A regular fee for master thesis work will be paid. In addition you will gain the experience of a lifetime. You will want to stay.

## Time to start

Preferably Fall 2016 / Spring 2017 Duration: 20 weeks

## Contact

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