

Oskar Selberg

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PERSONAL INFORMATION

I'm the guy with a burning passion for software development, and to develop the future. Beyond the software projects I had during my education I have constantly been looking for new challenges to develop myself both personally and intellectually. I love to solve problems with a group, and I'm usually the guy that comes with all the awesome (sometimes crazy) ideas how to solve them, while at the same time having an amazing eye for details, all to finally create a product that everyone can be proud of.

EDUCATION

Chalmers University of Technology, Gothenburg, Sweden

Master of Science (M.S.) in Software Engineering

Aug 2015 – Jun 2017

- Thesis: Recommendations for Introducing Model Based Systems Engineering

Bachelor of Science (B.S.) in Computer Engineering

Aug 2012 – May 2015

- Thesis: En rundtur med Google Glass (A tour with Google Glass)

BOARD ACTIVITIES

Bostadsrättsföreningen Norra Cityhuset, Gothenburg, Sweden

Board Member

2013 – 2017

Cityhusen Frölunda Torg, Gothenburg, Sweden

Deputy director

2015 – 2017

Board Member

2013 – 2015

WORK EXPERIENCE

Sigma Technology Development, Gothenburg, Sweden

IT-consultant

Sep 2017 – Present

- Assigned to Volvo Cars
- Testing start functionality for the engine
- Programming scripts for automated testing using Python.
- Full time employment

Selthor HB, Gothenburg, Sweden

Programmer & Partner

Dec 2015 – Present

- Own Company

Invativa, Gothenburg, Sweden

Programmer

Aug 2016 – Jan 2017

- Part time, on the side of academic studies

Chalmers Rekrytering, Gothenburg, Sweden

Lindholmen Science Park

Aug 2012 – Oct 2015

- IT-Administrator, Support and Network Management
- Part time, on the side of academic studies

Sigma Technology, Gothenburg, Sweden

Thesis work

Apr 2015 – Jun 2015

Swedish Match North Europe AB, Gothenburg, Sweden

Process Operator

2013 & 2014 & 2015 & 2016

- Summer Employee

LANGUAGES

Swedish: Native language.

English: Fluent (speaking, reading, writing).

German: Basic (Reading).

SKILLS**Advanced knowledge**

- Java

Intermediate knowledge

- C & C#
- HTML
- Assembly
- Oracle
- Python

Basic knowledge

- Haskell
- JavaScript
- Swift
- VHDL
- PHP
- .NET
- MATLAB

PROJECT**Recommendations for Introducing Model Based Systems Engineering**

Model Based Systems Engineering is widely used in the embedded systems domain and there are many benefits of using models, as in large scale projects it lead to shared understanding and improved communication. The transition to MBSE is, however, not as easy as a flip of a switch. This thesis therefore proved both practitioners and researchers a new way for introducing this new way of working.

- Several interviews was conducted at sites where Model Based Systems Engineering had already been successfully implemented, the lessons learned and setbacks were carefully documented.
- The interviews was complimented by a extensive literature review that was used to connect the findings to current literature. Giving the result and final recommendations a stronger academic certainty.

En rundtur med Google Glass (A tour with Google Glass)

The purpose of the project was to create a software system that allowed Sigma, software consultant company, in Gothenburg to have an automatic tour around their office using Google Glass.

- Me and my colleague designed the application for Google Glass in Java(Android Studio). The purpose of the glass application was to give the visitor a visual presentation of the office area, and some information about it.
- The system required a website to administrate the tour, and a database to store the necessary information. They were written with .NET and C#.

Pling

In this project me and my friends created a logistic-application for a small delivery company called Pling. They needed a system which allowed their customers to create orders online, for Pling to review and accept them, and finally for their couriers to get navigation to the next "drop off point".

- We created a Android application that Ping's couriers could use to find which orders that needed to be delivered, and were to deliver them. They also got the functionality for quickly creating new orders/deliveries out in the field.
- We also developed a website and a database in HTML, CSS, Javascript and PHP, for Pling to administrate orders, and for customers to create new orders.

Needy!

In this projects me and my classmates were asked to develop an Android application for Volvo (software platform AGA), the applications purpose was to make it easier for truck drivers to find the closest toilets, restaurants, rest stops or gas stations.

- We developed an application with a very simple user interface, which quickly could display all the necessary information to the driver, which was important since he had to focus on the road. The application also "planned" the stop into the current trip, so no detours had to be taken.

INTERESTS

Small projects, computers, programming, painting, software design.

REFERENCES

References available upon request.