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Please go to www.martinandersson.com for the latest of the greatest! You can have a live chat with me through my website using software that I wrote.

GOAL

To live a long life of continuous development of my knowledge base, and to have creative, challenging adventures.

TECHNICAL SKILLS

Languages

- ▶ Most experienced with: Java SE (I am Oracle Certified Associate + Professional), Java EE (+ things such as JUnit, Arquillian and Mockito), JavaFX, HTML 4-5, CSS 2-3, JavaScript (+ jQuery, TypeScript), PHP, SQL, C++.
- ▶ Familiar with: Ruby, C# (ASP.NET, XNA, WPF and Windows Forms), Java ME, Android, Python, XML, UML.

Software

- ▶ Databases: PostgreSQL, Oracle and Microsoft SQL.
- ▶ Other tools: Photoshop, Visual Studio, Eclipse, NetBeans, browser consoles and related tooling.

SOME SELECTED PROJECTS

`martinandersson.com`

December 2013 – Ongoing

Personal website and blog

- ▶ Uses CSS media queries to fit the layout against different resolutions.
- ▶ Upgrades nicely with animations and other features if browser has JavaScript.
- ▶ Features `maLivechat`, a live chat software I wrote and it is described next.

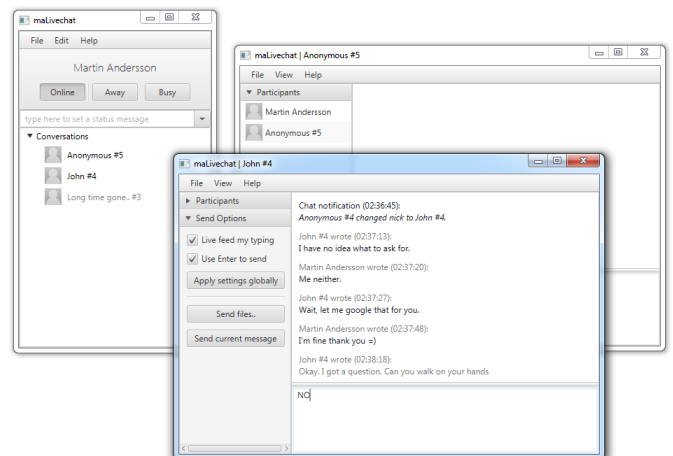
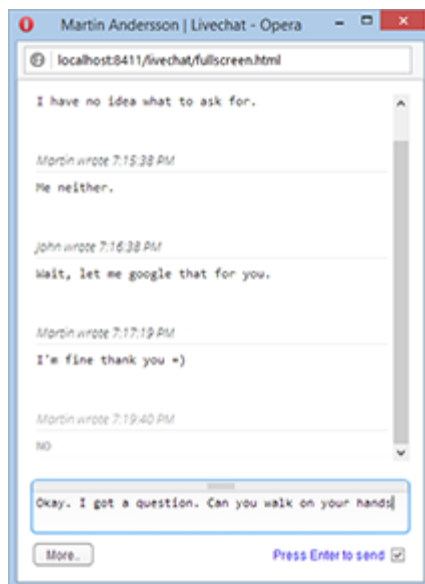


maLivechat

Spring 2013 – Ongoing

Online helpdesk and live chat written in TypeScript, Java EE 7 and JavaFX 8.

- ▶ Built-in queue support and optional live feed typing that turns the chat into a “real” conversation.
- ▶ Conversation based with configuration support that can transform the back end into any type of chat software: peer-to-peer, group/room chats and of course the promoted helpdesk version.
- ▶ JPA and the Criteria API for all things related to persistence.
- ▶ Other Java EE technologies used: CDI, JMS, WebSocket (data format: JSON) and managed concurrency utilities.
- ▶ The Web client’s code was written in JavaScript (using ECMAScript 5 where possible). Then after a while the code base grew so large I had to rewrite everything in TypeScript.
- ▶ The JavaFX application client is launched online through Java Web Start and packaged together with the rest of the application in an EAR package. It is nothing that has been demonstrated as doable before and my blog post that showed how-to became featured on fxexperience.com as “link of the week”.



maTooltip

Spring 2013

JavaScript module for creating and managing tooltips on a website.

- ▶ Written in JavaScript and jQuery.
- ▶ Accompanying website with an extensive set of tutorials and API documentation: www.matooltip.com.



Site for reporting, calculation and management of time spent.

Spring 2012 – Autumn 2012

Currently paused, will probably be rewritten from PHP to Java EE.

- ▶ Had to write my own classes as a replacement for native classes in PHP 5.4 to fix bugs in PHP's time and calendar API.
- ▶ Apart from a few exceptions, the visual appearance and technical behavior is the same on Firefox, Chrome, Opera and IE.
- ▶ The site is time zone aware and will suggest actions for the user to take if there could be a conflict between reported time and real time passed or any ambiguity thereof.
- ▶ Reverse engineered different front end technologies from Facebook, Twitter and Google.



www.spoo.se

Spring 2010 – Spring 2012

SPOO is an acronym for "Sweden's Post Office Online". I started and managed Sweden's only postal office online that provided international fax and snail mail services. All the user had to do was to upload a digital file.

- ▶ The code was mostly written by an external firm, but I helped patch the code where I could.
- ▶ Written in C# and ASP.NET.
- ▶ A large part of my work was to establish important deals and contacts in SPOO:s field of business.
- ▶ Had to learn a great deal of knowledge and technical know-how about a completely new business area so that SPOO could survive and prosper.
- ▶ Did my own accounting.



WORK EXPERIENCE

My current employer is Swisslog where I am a technical lead and program automated warehouse solutions in Java EE. I used to run my own company Cmil AB (pronounced *smile*, acronym for “class Mind implements Language”) before Swisslog sent me to USA. Through my company, I was a contractor for a vocational college. I also helped other software companies with technical interviews for new recruits.

Down below is a minor list of the life I had before I turned the right stone and found programming. What has not been accounted for is part time jobs I’ve had in parallel of full time jobs. I am also proud to show that I have never been unemployed. I worked hard during school years too and managed to not only survive, but to actually save money.

Title or assignment(s), length

- ▶ Java EE developer, ongoing since Feb. 2013
- ▶ Lead key-consult driving controller (truck driver), 4 year
- ▶ Store manager for Lidl, 1 year
- ▶ Various roles within construction businesses, 3 years
- ▶ Night receptionist at a hotel, 2 years
- ▶ Salesman (phone- and on field), 1 year
- ▶ A challenging childhood within a religious cult, 20 years

I learned:

- Cool design patterns.
- How to read books behind the wheel and get paid for it.
- Honesty and openness in leadership.
- Body and mind have no limits.
- Professionalism.
- Product expertise is the greatest success factor.
- There is no truth.

EDUCATION: SOFTWARE ENGINEERING @ MID Sweden University, Stockholm's University

Finished courses

Autumn 2010 – Ongoing

Shorthand: Name of course, credits (ECTS), grade.

- ▶ Introduction to Computer Science, 7.5, D
- ▶ Introduction to Programming in C++, 7.5, B
- ▶ Introduction to Operating Systems, 7.5, B
- ▶ Object based programming in C++, 7.5, B
- ▶ Applied Mathematics and Mathematical Statistics, 7.5, B
- ▶ Computer Networks, 7.5, A
- ▶ Programming Web Applications, 7.5, A
- ▶ Object Oriented Programming in C++, 7.5, D
- ▶ Databases – Modeling and Implementing, 7.5, B
- ▶ Java for C++ Programmers, 7.5, A
- ▶ Java for Mobile Devices, 7.5, B
- ▶ Web Programming, 7.5, A
- ▶ Applied Computer Engineering – Project, 7.5, C
- ▶ Application Development for the Android Platform, 7.5, A
- ▶ Network Security, 7.5, C
- ▶ XML, 7.5, B
- ▶ Effective Programming with C# and .NET, 7.5, C
- ▶ Multimedia programming in Python, 7.5, C

EDUCATION: ECONOMICS @ LINNÆUS UNIVERSITY

Finished courses

Autumn 2008 – Ongoing

Shorthand: Name of course, credits (ECTS), grade.

- ▶ Business administration, 7.5, G
- ▶ Financial Accounting and Budgeting, 7.5, VG
- ▶ Basic Organization Theory, 7.5, G
- ▶ Marketing Introduction, 7.5, G
- ▶ Management Accounting, 7.5, G
- ▶ Finance I, 7.5, G
- ▶ Business Logistics, 7.5, VG
- ▶ Economics I – Micro Economics Theory and Applications, 15, G
- ▶ Knowledge in the field of Stocks and Bonds I, 7.5, VG
- ▶ Commercial Law I, 15, G
- ▶ Business Statistics, 15, VG
- ▶ Economics I – Macroeconomics, 15, G