Curriculum Vitae - Tommy Mattsson

Contact information   **Address**

 linkedin.com/in/tommymattsson
github.com/Taddic

Experience

Support Engineer, Cisco Systems, Stockholm, Sweden   2014-08 – Ongoing
- Cisco aquired Tail-f. The position itself is the same, see the post below for details.

IT-Support, Tail-f Systems, Stockholm, Sweden   2014-03 – 2014-07
- Provide technical support for the software "ConfD" and "NCS" developed by Tail-f systems.
- Working with technologies such as YANG modeling, NETCONF, XML, XPath, Erlang, C, Java, Python.

Master thesis position, Ericsson, Shanghai, China   2013-01 – 2013-07
- Title of the thesis was "Content filtering". I were to design and implement ICAP (IETF RFC 3507) in Erlang for a load test tool developed by Ericsson.
- Learned about telecommunication architecture, such as: GPRS, WCDMA, LTE, SGSN, GGSN, 3G, 2G, PGW, SGW, MME.

Teacher assistant, Uppsala University, Uppsala, Sweden   2013-06 – 2013-08
Teacher assistant, Uppsala University, Uppsala, Sweden   2012-06 – 2012-08
- Teacher assistant for a class named "Peer-To-Peer computing".
- Improve previous Erlang labs with a better structure and user interface.
- Help students at lab sessions and over e-mail. Grade students lab exercises.

IT-Support, Uppsala University, Uppsala, Sweden   2010-10 – 2012-08
- Help students with IT related issues regarding UNIX and Windows computer halls at the IT department of Uppsala University.
- Prepare new hardware, install operating systems and software for UNIX/Linux, Mac and Windows.

System developer, Klarna AB, Stockholm, Sweden   2009-06 – 2009-10
System developer, Klarna AB, Stockholm, Sweden   2008-06 – 2008-08
- Developing features in Erlang for Klarnas' online invoice system.

Education

M.Sc, Computer Science, Uppsala University, Uppsala, Sweden   **Ongoing**
Cooperation with Tongji University, Shanghai, China.
Focusi on networking, distributed systems and software engineering.

M.Sc, Software Engineering, Tongji University, Shanghai, China   **Ongoing**
Cooperation with Uppsala University, Uppsala, Sweden.
Focus on Software engineering and Chinese language.

B.Sc, Computer Science, Uppsala University, Uppsala, Sweden   May 2012
General computer science

Project	**Sensor search engine,** Uppsala University, Uppsala, Sverige 2013-09 – 2014-01
	• Implementation was done mainly in Erlang and Ruby on Rails in a class called "Project Computer Science" for my master degree.
	• Open source project hosted on github.
	https://github.com/projectcs13/sensor-cloud
	https://github.com/projectcs13/sensor-cloud-website

Language Skills	
Swedish:	Native proficiency
English:	Professional working proficiency
French:	Elementary proficiency
Chinese:	Elementary proficiency

Programming language Skills	
Functional Programming:	Erlang, Haskell, Lisp
Imperative programming:	Java, Python, PHP, C, C++
Web programming:	JavaScript, HTML, CSS, Ruby on Rails
UNIX/Linux:	Bash scripting, Makefile
App development:	Android API
Other:	LaTeX (this resume is created using LaTeX)

Computer software	
IDE:	Eclipse, Netbeans
CVS:	Git, SVN
Webservers:	Apache, YAWS, Mochiweb
Editors:	Emacs
Databases:	Mnesia, Elastic Search, MySQL

Other skills	
Project methodology:	Scrum, Agile development

Non-profit activities

Training assistant, TianLong Kungfu, Stockholm, Sweden   2005 – 2006
- Start off Kungfu group training sessions with warm up and basic exercises. Lead entire kungfu sessions on occasion.
- Occasionally lead entire Kungfu sessions for adolescents, teens and adults.

Kitchen Voolunteer, Vässarö scouting camp, Stockholm, Sweden   Summer 2005
- I was part of one of the two teams who prepared food for all of the voolunteers at the Vässarö scouting complex.
- Prepared food in the large-scale kitchen of the Vässarö complex.

Sailboat instructor, Vässarö scouting camp, Stockholm, Sweden   Summer 2004
- Instruct and supervise adolescents, teens and adults in the usage and safety of sailboats and canoes.
- Accompanied scout troops on sailing excursions as teacher and supervisor.

Board member, Flemingsbergs scout troop, Stockholm, Sweden   2004
- Attend board meetings and look out for the overall interests of the scout troop.

Leader assistant, Flemingsbergs scout troop, Stockholm, Sweden   2004
- Assist the troop leader and look after the adolescents.
- Plan scout meetings and excursions for the adolescents.

References   Provided on demand.