

Curriculum Vitae - Tommy Mattsson

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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.
Focus 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 <ul style="list-style-type: none"> • 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	Gymnastic instructor , Uppsala GF, Uppsala, Sweden 2014 – Ongoing <ul style="list-style-type: none"> • Plan and lead gymnastic training sessions for children, teens and adults. • Help gymnasts progress according to their individual needs and personal goals. Training assistant , TianLong Kungfu, Stockholm, Sweden 2005 – 2006 <ul style="list-style-type: none"> • 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 Volunteer , Vassarö scouting camp, Stockholm, Sweden Summer 2005 <ul style="list-style-type: none"> • Part of one of the teams who prepared food for the volunteers at Vassarö. • Prepared food in the large-scale kitchen of the Vassarö complex. Sailboat instructor , Vassarö scouting camp, Stockholm, Sweden Summer 2004 <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • Attend board meetings and look out for the overall interests of the scout troop. Leader assistant , Flemingsbergs scout troop, Stockholm, Sweden 2004 <ul style="list-style-type: none"> • Assist the troop leader and look after the adolescents. • Plan scout meetings and excursions for the adolescents.
References	Provided on demand.