



Curriculum Vitae

JONAS ESTBERGER

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After graduating 2004 Jonas got the opportunity to work with prototype development for *HTC Sweden* and discovered that he loved working in a small single-focus group pushing the envelope.

During his six years at *Ascom* he worked from Product Quality to test to software development to project management. In 2010 he went on to yet again find the edge of development by joining as a partner in the company *MadinSweden* and in what later became *Bespoke Code*.

His goal is set to become a expert Android developer. During the last five years Jonas has acquired a intimate knowledge of Android and worked on everything from framework porting to application development. He is also active on Stack Overflow to help new developers which has given him reputation in the top 1%.

To be an early adopter is in Jonas spirit and this leads to late nights with Arduino-cards, oscilloscopes and soldering iron.

Competence

Product Areas

- Android
- Embedded systems, RTOS
- Linux

Tools/Methodology/Technology

- Java, C/C++, Python
- CVS, SVN, git, Jira, Jenkins
- Test-driven development
- Scrum

Roles

- Project Leader
- Scrum Master
- Software engineer
- Product Quality
- Test developer
- Electronics engineer
- CEO and partner

Customers

- SKF / GLOi
- Tele2 (Through F&B)
- Reebok (Through F&B)
- Volvo (Through F&B)
- Fingerprint Cards AB
- SKF (Through F&B)
- Ascom
- Tine (Through McCann)
- DECO Gasgeräte GmbH

Patents

- Adaptive filter for reducing interference (SE 536098)

Education

Academic

- B.Sc. EE

Courses and certificates

- Professional Scrum Master
- Android Complete - Enea
- Embedded Linux - Enea
- Design patterns - Combitech
- ISTQB foundation certificate in software testing - ISEB
- Requirement handling- Combitech
- PROPS - Semcon
- MCSE - Microsoft

Languages

- Swedish - native
- English - fluent
- Norwegian - fluent
- German - Barely

Employments

- Bespoke Code 2013 - Present
- MadinSweden 2010 - 2013
- Ascom 2004-2010
- HTC Sweden 2004
- Swedish Armed Forces 2000-2001

Watchword

- Make it work, make it fast, make it beautiful.

Experience

- 2015 - Present** **Consultant at SKF**
Scrum master and deputy section leader at SKF Development Center Alignment Products with responsibility for staff of ten and major product development project.
- 2015** **Consultant at GLOi**
Porting an application to Android. The app has OpenGL views rendering real time data from a Bluetooth Low Energy device (BLE / Smart)
- 2014-2015** **Consultant at Ascom**
Jonas is responsible for creating and implementing Android applications integrating Ascom proprietary systems with 3:rd party smart phones.
- 2014** **Android 3 day courses**
Creating material and delivering a three day course on Android on several occasions.
- 2014** **Tech demo with bluetooth-controlled gas fire**
Late night hacking using Arduino boards, bluetooth and a 50kV fire starter results in an app controlling ornamental gas fires that is shown in a trade fair.
- 2010-2012** **Android development**
With many assignments within the advertising business with end customers such as Rebook, Volvo and Tele2 Jonas worked with hard deadlines to deliver the right quality in time with extreme detail to the UI finish of the product.
- 2012** **Proof of Concept for using Fingerprint scanner on Android**
During a few months Jonas was the app developer in a team responsible for integrating a fingerprint scanner on a Android phone to show of the possibilities. This project lead to a cooperation with Qualcomm.
- 2011** **Tech demo with Bluetooth and Arduino**
Jonas created a proof of concept that used Bluetooth to link with an Arduino card to control a IR-transceiver.
- 2010** **Tech demo with NFC**
Jonas created a proof of concept using the Nexus S (then) unique NFC-hardware as a screen lock and wrote a short white paper about the current Android NFC capability.
- 2009-2010** **Project leader for Android platform evaluation**
In a skunk-work Jonas created an Android app as a demonstrator. The result lead to a larger project where Jonas was project leader over six developers looking at the possibility to use Android as software platform for the next generation of Ascom DECT phones. The work involved framework development, evaluation of hardware options as well as JNI- and Linux driver programming.
- 2009** **Mentor for M.Sc. dissertation about the introduction of static code analysis tools**
After working with lint Jonas took the next step and initiated an evaluation of the second generation of static code analysis tool, Klocwork Insight. After mentoring the dissertation Jonas helped deploy the tool.
- 2008** **Software project leader for d81**
As software project leader for the worlds toughest DECT telephone Jonas led some large refactoring work of the alarm functions. By introducing Unit test the code changes were delivered with a measurable improvement in software quality. The same project also led to a leap in algorithms used for LF-positioning technology. This work lead to a now approved patent authored by Jonas.
- 2004** **Electrical Engineer during prototyping of the HTC-2500iX**
Accountable developer for everything electric during prototyping of the HTC-2500iX. Worked on everything from supplier contact, PLC programming of drive-by-wire system to EMC approval of 100kW diesel-powered electric generator.