Marek Langiewicz

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home page	**http://mareklangiewicz.pl**
nationality	**polish**
birth date	**29/11/1980**

Employment

- **01.2008 - 07.2008** **Siemens sp. z o. o.**
- **07.2008 - 11.2009** **Siemens Home & Office Communication Devices**
  later: Gigaset Communications
- **11.2009 - 12.2012** **Softexor sp. z o. o.**
  later: Softexor Engineering House sp. z o. o.
- **01.2013 - 07.2013** **Espotel Poland sp. z o. o.**
  as external employee from Softexor company
- **10.2014 - 07.2016** **android related studying/programming**
- **08.2016 - now** **EL Passion - App Development & Design House**
  Android Developer / Kotlin Ninja

Education

- **1995 - 2000** **technical secondary school:**
  Technikum Elektroniczne EZN in Wrocław
  speciality: computer systems
- **2000 - 2006** **University of Wrocław, Institute of Computer Science**
  http://www.ii.uni.wroc.pl/

Programming languages knowledge

- **very good** **Java, Kotlin, JavaScript, C++, C**
- **good** **Python, C#**
- **My full skill matrix** http://mareklangiewicz.pl#matrix

Foreign languages knowledge

- english   very good
- german   basic

Professional experience

- **01.2008 - 01.2012**

  project   Porta

  company   Siemens, Gigaset Communications, Softexor

  description

  Developing and maintaining middleware and GUI for residential gateway (DSL modem, router, Ethernet switch, WLAN, FXS, FXO, VoIP). Software developed in C/C++ Linux and JavaScript/HTML.

  my roles and responsibilities
  - Development of the middleware features in C++ (mostly VoIP related)
  - Maintenance of device's GUI in HTML/JavaScript
  - Creating automated GUI tests with Selenium tool (using Python frontend)

  technologies used by me

  C++, C, ClearCase, GIT, HTML, CSS, JavaScript, DOM, Linux (development machine & target OS), VoIP (SIP, T38, RTP), BASH, Make, GCC, HTTP, IP, TCP, UDP, DHCP, DNS, UPnP, Wireshark, GDB, BugZilla, TRAC

- **04.2011 - 02.2012**

  project   MMI

  company   Softexor

  description

  Developing new GUI for the router device (platform based on the OpenWRT project)

  my roles and responsibilities
  - Developing router GUI in JavaScript/HTML
  - Developing a FastCGI application in Python language

  technologies used by me

  JavaScript, HTML, CSS, jQuery, AJAX, Python, FastCGI, Lighttpd, Make, OpenWRT

- **02.2012 - 12.2012**
  project   **GVT**
  company   **Softexor**
  description
  Development of another GUI for the platform used in the MMI project.
  my roles and responsibilities
  - Developing new JavaScript library for dynamic creation of WEB user interface
  technologies used by me
  JavaScript, HTML, CSS, jQuery, AJAX, Make, OpenWRT, Closure Compiler, JSDoc3

- **01.2013 - 07.2013**
  project   **AAS Merlin**
  company   **Espotel**
  description
  Maintaining middleware for multi-radio active antenna system of BTS (Base
  Transceiver Station).
  my roles and responsibilities
  - Creating and maintaining unit tests for new and modified C++ code
  - Maintaining continuous integration system
  - Developing C# desktop GUI application for editing DAB files (internal file format
  used for flashing radio devices)
  technologies used by me
  C++, C, Google Test, Google Mock, BASH, Make, GCC, CLang, CLang static analyzer,
  Jenkins, MS Windows batch files, C#, Windows Forms, MinGW, Subversion

- **01.2015 -**
  project   **Pue, My Hub, My Intent, etc.**
  company   **none**
  description   **Studying android ecosystem and developing**
                       some open source libraries and apps.
  more info   **http://mareklangiewicz.pl#android**

Courses completed at University of Wrocław

- advanced courses: Calculus, Programming, Numerical Analysis, Distributed Systems, Discrete Mathematics, Advanced Programming, Formal Languages and Computational Complexity, Algorithms and Data Structures, Simply Typed Lambda Calculus, Functional Programming in OCaml language, Theorem Proving Systems, Logic II, Functional Algorithms and Data Structures, Constraint Problems, Theoretical Basics of Programming Languages, Operating Systems II, Computational Geometry, Parallel Algorithms

- elementary courses: Computer System Architectures, Logic for Computer Science, Algebra, Object Programming, Artificial Intelligence, Logic Programming, Methods of Optimization, Neural Networks

- seminars: Term Rewriting Introduction, Neural Networks and Statistics, Search Engines

- courses of programming tools: Ansi C/C++, Advanced C++, Pascal, Programming Project

- foreign language courses: English B1 I, German A1 II

Personal interests

- **Programming**   programming languages, open source, Android platform
- **Music**   guitar playing, rock music, sung poetry
- **Sport**   snowboard, paragliding, paintball
- **Philosophy**