

Tewodros B. Taffese

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Programming Languages:	JavaScript, Java, C#, C
Mobile Programming:	Android
Web Markup languages:	HTML5, CSS
Web development frameworks:	Bootstrap, Joomla
System Development lifecycle:	Waterfall, Agile, Lean, and Kanban
DBMS:	MySQL, SQL
Networking:	TCP/IP, UDP, LAN, VLAN, WAN, Wireless LAN, VoIP, Network Security
Mobile Networks:	GSM, GPRS, UMTS, LTE, Data transmissions
Broadband network analysis:	TEMS investigation, Anite Nemo outdoor
Tools and IDE:	Eclipse, NetBeans, Visual Studio, Android Studio, gedit, sublime text, Node js
Virtualization software:	VMWare
Version Control System:	Git
Operating systems:	Windows, Linux/Ubuntu, Cisco IOS

PROFESSIONAL EXPERIENCE

University of Oulu, Ambient Assisted Living Project

<http://www.aal-europe.eu/our-projects/> June 2015 - November 2015

Android application developer

I worked as an Android developer of a car pooling application intended for elders in Raahe nursing homes. The application was part of a pool of applications within a Ubiquitous Home Environment server system, HoviMestari. The project included testing and evaluation of the application and its possible contributions in improving the lives of elders in need of assistance. The application was not a complete product but was on a sufficient level for testing and evaluation. Results of the research could be used as a stepping stone for a fully complete application, which may significantly improve the lives of the elders as well as the nurses through facilitating better collaboration, control and management of services.

Helsinki Metropolia University of Applied Sciences

June 2010 - October 2010

Wireless Broadband Network Performance Testing

I was part of a three people's project that conducted a mobile broadband performance testing in the greater Helsinki region. The project included designing test cases, selecting test environments, carrying out tests and analyzing the data collected. For this project ASCOM TEMS investigation, and *Anite Nemo outdoor* testing and monitoring tools were used. Results of the study were published on Helsingin Sanomat October 20, 2010 edition. The scope of the project does not fully cover network coverage issues. However, it gave an information and/or an idea of what and actual data rate a user gets in the tested regions.

EDUCATION

University of Oulu

MSc in Software, systems and services development
September 2013 - current (89/120 ECTS)
All course are completed, thesis in progress

Helsinki Metropolia University of Applied Sciences

Bachelor of Engineering in Information Technology
June 2011

CERTIFICATES

LLP Erasmus Intensive Program, Hogeschool Van Amsterdam

Improving the security knowledge in ICT
2008

SKILLS

- Fast learner
- Knowledge enthusiast
- Detail oriented
- Logical thinker
- Problem solver
- Excellent academic writing
- Team work
- Excellent communication skills
- Sense of humor

PASSION and INTERESTS

Football, Books, Comedy, Humanity, Multiculturalism, Law, Dancing

VOLUNTARY WORK

International day events, Helsinki Metropolia University of Applied Sciences.
Ethio-Fin sport club, Event coordinator.