

Experiences

Time Based

- Jun. 2014 – **Software Engineer, Infron Ltd.** [↗](#) .
- ... [○](#) microCOR Ekg Device Control Application
 - Android support. DCMTK Android fork.
 - [○](#) microCOR LAB Software
 - microCOR LAB Matlab module.
- Haz. 2014 – **Software Engineer, AntSis Electronics** [↗](#) .
- ... [○](#) Geographic Information System(GIS)
 - Development of a GIS system using PostGIS, GeoServer, OpenLayers, JQuery, and Codelgniter/PostgreSQL.
- Jun. 2013 – **Software Engineer, CTech A.S** [↗](#) .
- Jun. 2014 [○](#) Modeo, 3G Video Streaming Device
 - Server control GUI with Qt/C++ [↗](#)
 - Embedded control GUI with Qt/C++.
 - Control protocol design and implementation with Google Protocol Buffer.
 - Video streaming web system with Codelgniter/MySQL.
 - Maintenance of existing iPhone codes.
 - Jenkins CI integration with Bash scripts.[○](#) Modeo Encoder, Video Encoder Device
 - Control GUI with Qt/C++.[○](#) Military Modem
 - SNMP agent design and implementation using Agent++ [↗](#)
 - SNMP Manager design and implementation using Qt/C++, Snmp++ and QtPropertyBrowser.[○](#) Deep Package Inspection
 - Reporting interface with Codelgniter/RRDTool.

Dec. 2010 – **Software Engineer, Infron Ltd.** [↗](#) .

- Jun. 2013
- microCOR Ekg Device User Interface [↗](#)
 - User interface with Qt/C++.
 - Patient database with SQLite.
 - Hardware control with private binary protocol.
 - Firmware check and update.
 - Windows installer with NSIS. Mac OS X installer with Bundle system. Pardus install package with Pisi packaging system.
 - microCOR Ekg Device Android Application
 - Fork of desktop application for Android.
 - Gathering data with libusb using Android Native.
 - Infron Web Site [↗](#)
 - Wordpress installation and configuration.
 - Child theme for Wordpress.
 - An extension to check update for microCOR Ekg Device User Interface.
 - ISO 13485 Quality System
 - Alfresco installation and configuration for quality system.
 - Automation scripts for manufacturing.
 - Health Device
 - JSON based private protocol development.
 - Android REST service which using this protocol.
 - Surface mount circuit board soldering.

Jul. – Aug. **Software Engineer, SanLab** [↗](#) .

- 2012
- Forklift Simulator
 - libmodbus C wrapper to use with MODBUS supported control modules.

Feb. – Nov. **Military Software Officer, Turkish Armed Forces.**

- 2010
- School Portal
 - Development and maintenance of school portal which was written with PHP/MySQL.
 - Redesign and implement MySQL database.

Jan. 2009 – **Software Engineer, Infron Ltd.** [↗](#) .

- Oct. 2009
- microCOR Ekg Device User Interface [↗](#)
 - User interface with Qt/C++.

Antalya – Turkey

Project Based

- 2012 **RFID Reader SDK**, *RFtek Ltd* [↗](#) .
○ Development of RFID Reader SDK using Qt.
○ .NET wrapper using Active Qt.
- 2008 **Devren Control Panel**, *Devren Ltd.* [↗](#) .
○ Management interface with PHP.
- 2008 **The Play Barn** [↗](#) .
○ A kindergarten web site which have control panel with CodeIgniter/MySQL. (Replaced)

Open Source

- 2013 **Qt Creator**.
○ A contribution to Qt Creator 2.7.0 that you can close opened files with middle click. [↗](#)
- 2013 **Qt**.
○ Suleyman Demirel University Qt Presentation [↗](#)
- QML presentation application [↗](#)
○ Animated Layouts
- QAnimatedGridLayout [↗](#) : A grid layout that can zoom into an item with animation.
- QAnimatedMainWindowLayout [↗](#) : A main window layout that can change layout placement ratios with animation.
- Fixed Ratio Layout [↗](#) : improve a squared layout to obey Golden Ratio [↗](#) .
- 2012 **PhoneGap**.
○ An extension to PhoneGap which provide Bluetooth support on Android environment: phonegap-bluetooth [↗](#)
- 2012 **Pardus**.
○ Pardus packaging IDE PiSiDo [↗](#)
○ Packing of: [↗](#)
- PiSiDo, Heimdall, libmodbus, ScanGearMP, Kotaci, Easycap, MP, Sysprof
- 2008 **Gentoo**.
○ Install, usage and optimization experiences.
- Others**.
○ QtCreator project files [↗](#) for OpenGL Super Bible book examples.
○ BrightTray [↗](#) : Brightness tool for Linux which runs at system tray.
○ A dictionary application with WinAPI.
○ Testrix [↗](#) : A Tetris clone with OpenGL.
○ Avagadro translation. [↗](#)

Interns

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|------|--------------------|----------------------------------------------------------|
| 2009 | Infron Ltd. | <i>Development of microCOR Ekg Device User Interface</i> |
| 2008 | THY | <i>Computer hardware intern</i> |
| 2003 | TOFAS | <i>Computer hardware intern</i> |
| 2003 | Koc Sistem | <i>Computer hardware intern</i> |

School Projects

2009	Medaq : Digital Signal Acquisition GUI with Qt/C++.	<i>Final Project</i> ↗
2009	Sine recognition with Matlab.	<i>Artificial Neural Network</i> ↗
2009	Hodgkin and Huxley Model GUI with Matlab ↗	
2009	String search analysis with dynamic programming	<i>Algorithm Analysis</i> ↗
2009	Recursive mutiplication of big integers	<i>Algorithm Analysis</i>
2008	A rental web site with PHP/MS-SQL	<i>Web Programming</i>
2008	A RISC CPU design	<i>Computer Architecture</i>
2007	Dynamic sized array	<i>Programming Languages</i> ↗

Educations

2004–2009	Computer Engineering	<i>2,8/4, Istanbul University</i> ↗
2001–2003	Computer Hardware	<i>3,4/4, Uludağ Üniversitesi</i> ↗
1996–2000	Science	<i>3.5/5, Serik Anatolian High School</i> ↗

Languages

Turkish	Native	
English	Intermediate	<i>High School and University</i>

Certifications/Eğitim

2002	Windows 2000 MCSE , MBA Bursa. Microsoft Certified System Engineer (MCSE) training for Windows 2000 Server Family.
2002	Windows 2000 MCP , MBA Bursa. Microsoft Certified Professional (MCP) certificate for Windows 2000 Server Family.

Technical Skills

Programming Languages	C++, PHP, Bash, NSIS Script, Javascript, HTML, QML, Java, C, Object-C
Frameworks	Qt, Qwt, CodeIgniter, JQuery, OpenLayers, GeoServer
Development Tools	QtCreator, Netbeans, Notepad++, Inkscape, QMake, Autotools, GCC, MinGW, Eclipse, Dia, Umbrello, Libreoffice, Visual Studio, Matlab
Network Protocols	TCP/IP, Modem Protocol, SNMP, Google Protocol Buffer, JSON, XML, MODBUS, RTMP, EPC Gen2, DICOM
Database Systems	MySQL, PostgreSQL, PostGIS, SQLite, RRDTool, MS-SQL
Versioning	git, Bazaar, SVN, Alfresco
Operating Systems	Linux (Ubuntu, Gentoo, Pardus, Embedded, Android), Windows (98, ME, NT4, XP, Vista, 7, 8, 2000 Server), Mac (OS X)

Personal Informatins

Born at 1982. Married and have two children. Got a driver license. Non-smoker. Finished military duty.

Antalya – Turkey