




*I want to specialize in user interface design and implementation at my professional career which I started with. Also, I will support and contribute the open source movement which gives me a lot of skills and experiences.*



## Experiences

### Vocational

Jun. 2013 – **Software Engineer, CTech A.S** .

- ...
  - 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 CodeIgniter/MySQL.
    - Maintenance of existing iPhone codes.
  - 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 CodeIgniter/RRDTool.

Jan. – Oct. 2009, **Software Engineer, Infron Ltd.** .

- ...
  - microCOR Ekg Device User Interface 
- Dec. 2010 – Jun. 2013
  - 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.

### Freelancer

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.**

- [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

2009 **Infron Ltd.**

*Development of microCOR Ekg Device User Interface*

2008 **THY**

*Computer hardware intern*

2003 **TOFAS**

*Computer hardware intern*

2003 **Koc Sistem**

*Computer hardware intern*

## School Projects

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

## Educations

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

## Languages

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

## Certifications/Eğitim

2002	<b>Windows 2000 MCSE</b> , MBA Bursa. Microsoft Certified System Engineer (MCSE) training for Windows 2000 Server Family.
2002	<b>Windows 2000 MCP</b> , 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, OpenGL
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, MODBUS, RTMP, EPC Gen2
Database Systems	MySQL, 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 a child. Got a driver license. Non-smoker. Finished military duty.