Hakan Özcan

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Education

- Hacettepe University, Informatic Institute, Software Engineering, MS, 2014-2017

- Ankara University, Physics, MS, 2013- (Dropout)

- Bahçeşehir University, Electrical and Electronics Engineering, BS, 2005-2010

Job Experience

- **Benchmark BV, Almelo – Netherlands Oct 2023 – Present**
  - Airbus A350, A380 FAP (Flight Attendend Panel)
    - Responsible for designing, developing and implementing the new feature of FAP
    - Responsible for migrating the whole system from Gentoo linux to YOCTO
- **ICT Netherlands, Eindhoven – Netherlands Oct 2022 – Sep 2023 Sr. Software Designer**
  - Mototok project
    - Responsible for maintaining and developing new features and optimizing the old code base of the mototok's electrical vehicle control computer.
- **Robert Bosch Car Multimedi Gmbh, Hildesheim - Germany Nov 2019 – Sep 2022 Sr. Software Engineer**
  - CIVIC (Central In Vehicle Infotainment Computer) Mercedes benz S class and C class infotainment systems
    - Responsible for hardware and software bring up of the whole system
    - Responsible for Proof of Concept's of the new features on software sides
  - FTS (Flexible Test Systems) Software automated tests on car multimedia (infotainment) systems
    - maintaining and adding new features to the current Qt (c++) application to test the both hardware and application software on the device
    - developing new operating system scripts to the current hardware to support new features or fixing bugs on the operating system side

- **Linkas Technology San. Tic. A.Ş, Ankara - Turkey 2014 - 2019 Electrical and Electronics Engineer**
  - WHL Side Display Project - Construction machine 8 inch touch screen dashboard linux kernel development (YOCTO, Qt, C, C++)
  - WHL Side Display Project - Construction machine 8 inch touch screen dashboard module programming (C++)

- WHL Side Display Project - Construction machine 8 inch touch screen dashboard application (Qt, C++)
- WHL Side Display Project - linux bash script programs for screen opening time, splash image, loading modules properly (bash scripts)
- WHL Side Display Project - SQLite infrastructure for 8 inch touch screen dashboard (Qt, C++, SQL)
- 8 inch touch screen display for construction machines and motor grader with Embedded wizard and STM32F7 platform (c, c++)
- 7 inch touch screen display for construction machines and motor grader with Embedded wizard and STM32F7 platform (c, c++)
- Intelligent Vehicle System (IVS) Project – Web and mobile applications for intelligent vehicle systems. Tracking and remote controlling the devices with wide range of support (ionic, angular, cordova, c# and .net core with mssql database)
- Remote Parameter Updater Project – Parameter updater over TCP (.net, c#, mssql)

- **Linkas Electronics San.Tic.Ltd.Şti, Ankara - Turkey 2010 - 2014**
  Electrical and Electronics Engineer
  - Smartlink Project - Construction machines telemetry system web application (c#, asp .Net, MSSQL)
  - Smartlink Project - Comserver - Communication server between construction machines and server using TCP Protocol. (C#, .Net)
  - Smartlink Project - Parser - Database robot that parses incoming messages from construction machines and divided them into data fields. (C#, .Net)
  - Datalink Project - Between embedded devices and computers can bus protocol device's embedded software and embedded hardware design(C, C++, Eagle PCB Design)
  - Datalink Project - Datalink device computer graphical user interface design (Qt, C++)
  - LiAP Computer program - Computer program that updates softwares on our embedded devices using IAP (In Application Programming) protocol (Qt, C++)
  - Setuplink Computer Program - Computer program that sets, view and modify special parameters in our embedded devices without updating their software.
  - HexToLiap - Computer program that generates Liap files from hex files. (Qt, C++)
  - Smartlink Project - Smartlink Test - Computer program that automatically test smart link devices (Qt, C++)
  - Smartlink Project - Firmware Updater - Computer program that updates smart link device's firmwares remotely (Qt, C++)

Languages

- English (C1)
- German (A2)
- Dutch (A1)
- Turkish (Native Language)

Trainings

- UML 2.0 Training – Linkas Technology – Dr. Kıvanç DİNÇER (PMP) , 2014
- Software Engineering – Linkas Technology – Dr. Kıvanç DİNÇER (PMP) , 2014
- Personal Software Process – Linkas Technology – Dr. Kıvanç DİNÇER (PMP) , 2014
- Team Software Process – Linkas Technology – Dr. Kıvanç DİNÇER (PMP) , 2014
- Peopleware – Linkas Technology – Dr. Kıvanç DİNÇER (PMP) , 2014
- Data Mining -Hacettepe University - 2016
- User Interface Design - Hacettepe University - 2016
- PMI Project Management Training   – Linkas Electronics, Erhan ÇINAR (PMP), 2013
- ESD, Manufacturing Standards and Problems – Linkas Elektronik, 2012

Technical Background

- Eagle PCB Design Software (Minor)
- C#, ASP .NET, MSSQL (5 years of experience)
- C++ (8 years of experience)
- ARM architecture and STM32 Platform
- Embedded Wizard for developing GUI for embedded touch screen devices
- Java (4 years of experience)
- Android platform (java)
- PHP, MySQL (2 years of experience)
- html, html 5
- Javascript, Jquery, CSS, CSS 3 (4 year of experience)
- ionic, angular, cordova, c# and .net core with mssql database (1 year of experience)
- Visual studio 2010,2013,2017
- Qt (Qt Desktop, Qt Embedded) (7 years of experience)
- Opencv 2.4.7, opencv 3.0.0, opencv 3.0.1 (with many algorithms)
- Eclipse
- C (Embedded) (8 years of experience)
- svn, git (git kraken)
- Enterprise Architect (Project management tool)
- Jira (Project management tool)
- Primavera (Project management tool)
- Enterprise Architect (Project management tool)

References

Will be provided on request.

Hobies & Activities

- Riding a motorcycle
- Martial Arts
- Trekking, camping
- Travelling, especially with motorcycles