

Curriculum Vitae



Umut Gültepe

Tel: +90-505-506-89-18

Email: umutgultepe@inturlam.com.tr

Address: Ankara Teknoloji Geliştirme Bölgesi

Cyberpark Cyberplaza C Blok No:16

Birth: 23/10/1988

Goal:

To improve myself both as a professional and manager in the company and work, and as an academician and engineer in outstanding engineering institutes

Summary:

- +6 years of electronics and software development projects. 3 projects in professional environment
- Good English Skills-TOEFL IBT 104 points
- Experienced Programmer: VHDL 5+ years, MATLAB 5+ years, C/C++ 3+ years
- MS.Office Word, Excel, Powerpoint advanced user
- +3 years of experience in the field of Computer Graphics and Natural Interaction
- Ex[er]perienced in teamwork and reporting.
- Easy adaptation to new programming languages and protocols
- Good communication and analyzing skills
- Intermediate Spanish-Erasmus Exchange Program
- Conscription 1 year delayed+1 year delaying option

Work Experience:

- 04/2011 – : *Inturlam Software Electronics Advertisement and Consultancy* Ankara
Position : *Project Manager*
Job Description : *Natural Interaction and 3D Graphics Based R&D Project Manager:*
Problem Solved : *Due to instability and support problems, it was found necessity to transfer the whole project to a new operating system. Transferring was completed in one month, with no delay in the project calendar.*
- 06/2010 –01/2011 : *Bilkent Computational Electromagnetics Center* Ankara
Position : *Researcher*
Job Description : *Electromagnetics and Acoustics CAD :*
Problem Solved : *Fixed a file compatibility issue which left previous work useless due to two different versions of the software NX-6,.*
- 2009 Summer : *ASELSAN* Ankara
Position : *Research-Project Intern*
Job Description : *Fan Control Project*
Development of a cooling system for a military helicopter which utilized dynamic feedback systems. In order to deploy the system; PIC programming, serial communication protocol and circuit design practices took place .
Problem Solved : *I did not have a previous knowledge of C Language, I had to learn it by myself. Although this introduced a delay in the beginning, the project was completed in time with the support equipment*
- 2008-2009 Spring : *Bilkent University* Ankara
Position : *Microprocessor Laboratory Asisstant*
Job Description : *Assist in projects in the Microprocessor Laboratory*
- 2008 Summer : *EÜAŞ Aliağa Thermal Power Plant*
Position : *Inspection and Maintenance Intern*
Job Description : *Maintenance of PLC and network systems in the power plant*

Education:

- 2010-2012: Bilkent Univeristy, Ankara MS, Computer Science.
- 2009-2010 Fall Semester-Universidad Autonoma de Madrid BS, Telecommunications Eng.
- 2006-2010: Bilkent Univeristy, Ankara BS, Electrical and Electronics Eng.
- 2005-2006: Boise Senior High School. Boise, Idaho / USA
- 2002-2005: İzmir Science High School, İzmir

Projects:

- *Virtual Dressing Room: C++ and Game Engine Programming*
Software which enables user to try on virtual dresses in real time, using physics engine for better visual performance and natural interaction.
- Fan Control Project, Details above
- *Smart Robot Project: C programming, RF communiation*
A remote controlled tank development, which changed its route when it encountered obstacles, overriding user commands. PIC programming and RF Communication in 433 MHz practices took place.
- *Lock-In Amplifier(Low Voltage Sensor) : VHDL,C++*
Amplifier developed for measuring voltage signals as low as 10 microvolts, which was working on an FPGA and controlled via a PC. The electronic portion was completed with Analog circuit design and extensive VHDL programming, whereas computer client was implemented using C++.
- *RFAT- RFID Smart Card Reader : C*
Border management using separate modules located in the control points and in the vehicles. The blockade was removed safely and automatically with an incoming vehicle 100 km/s fast. PIC programming and RF Communication in 433 MHz practices took place/
- *Digital Thermometer : VHDL*
Using a digital circuit designed into an FPGA and a separate analog circuit, a digital thermometer implemented. System could be controlled and operated via a PC.

Computer-Programming:

- *Programming: VHDL, MATLAB, C/C++, JAVA, Assembly, Fortran*
- *Design: NX-6(I-DEAS), Simulink, MPLAB, Xilinx, Ogre, Nvidia PhysX*

Miscellaneous:

- *Foreign Languages: English-Advanced, Spanish(Intermediate), German(Intermediate), Russian (Beginner)*
- *Hobbies: Snowboard(7 years, amateur), Travelling(8 foreign countries, Karadeniz, Marmara, Ege, Akdeniz, İç Anadolu regions), Chess(18 years, amateur)*