

# Can Eldem

## Curriculum Vitae

### Education

- 2013–2014 **MSc**, *National University of Ireland, Mundus Scholarship*, Ireland, GPA –.  
Dependable Software Systems
- 2012–2013 **MSc**, *University of St Andrews, Mundus Scholarship*, Scotland, GPA –.  
Dependable Software Systems
- 2007–2012 **Bachelor of Science**, *Bilkent University, %60 Scholarship*, Turkey, GPA 3.31/4.00.  
Computer Technology and Information Systems

### Projects- Please visit [eldemcando.com](http://eldemcando.com) to download and see all projects

- Title *PUSE*-sequence diagram generator  
Supervisors Dr Juliana Bowles  
Description My dissertation at University of St Andrews <http://eldemcan.github.io/Puse/>
- Title *Ucontrol*-home automation system with body motions.  
Supervisors Dr Serkan Genc  
Description This project was awarded by Bilkent University and CTIS department as a second ranking team among Senior Projects. For more information please visit [www.eldemcando.com/portfolio.html](http://www.eldemcando.com/portfolio.html)
- Title *Diabeta*  
Description It is a java based mobile application prepared for diabetic people. It lists meals using a web service and helps diabetic people to prepare their meal according to instruction of the software
- Title *Obstacle Avoidance Robot Simulation*  
Description This project aims to create a robot simulation which can reach given target point in space with obstacles.
- Title *Search Tree*  
Description Purpose of this project is find paths for obstacle navigation using uninformed and informed symbolic search.
- Title *Wumpus Game*  
Description Java implementation of Hunt the Wumpus game using Artificial intelligence.
- Title *Social Tv Prototype*  
Description Prototype project for Social Tv

- Title *20Q game- Machine Learning*
- Description Designed a neural network like 20Q game using Java programming language and Neuroph library.)
- Title *Java project*
- Description A Java based interpretative which reads data from specific excel file,draw a graphic and make correlation calculation.(prepared for Bilkent university English department).)

## Experience

- 2011–2011 **6 Month Internship**, SIEMENS EC, Turkey-Ankara, I worked on various project simultaneously during 6 months.  
Detailed achievements:
- Enhancement in HF portal of Siemens EC
  - Hipath project fixes
  - Development of Catool application
- 2010–2011 **Summer Intern**, TUBITAK( THE SCIENTIFIC AND TECHNOLOGICAL RESEARCH COUNCIL OF TURKEY) UEKAE G222, Turkey-Ankara.  
Detailed achievements:
- Analyze and testing process of the SYDGM project
  - Fix the problem synchronizer which synchronizes Borland starteam and HP quality center by developing a JAVA tool.<http://www.tubitak.gov.tr/en/ot/10/>

## Volunteering

- 2011 Volunteering Project in Italy:Environmental project.
- 2011 Volunteering Project in France Excavations and archeological observations.

## Computer skills

- Familiar with Ajax,Silverlight,Linux,Mysql,Machine Learning, Database Design,XML,Subversion, Cisco Networking (ccna1,2,4)
- Advanced in Java,Algorithms,C#,Html,Php
- Interested in Software Architecture and Engineering,Critical Systems Engineering,User Centred Interaction Design,Artificial Intelligence

## Certificates

- 2010 METU (Middle East Technical University) Certificate Of Information Technologies
- 2008 B class Drivers License
- 2011 Baskent Communication diction and affective communication certificate

## Languages

- Turkish **Mothertongue**
- English **Advance** *IELTS score 6.5*
- German **Basic** *Basic words and phrases only*