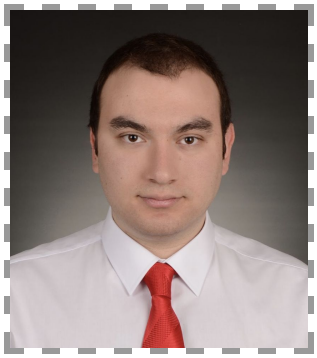
CURRICULUM VITAE OF AHMET CAN TURGUT



Nationality: Turkish | **Birthplace**: Ankara/Turkey | **Birthdate**: 16.10.1993

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Educational Background:

2012 – 2017	**Koç University** – Istanbul | Bachelor of Science in Computer Engineering
2007 – 2011	**Tekirdag Anatolian High School** – Tekirdag | Science

Experience:

2017 – Present	**Android Developer - Valensas Technology Services Inc.:** Valensas is a mobile technology company with focus in Mobile platforms. I am developing android applications for Turkey's lead banking companies.
Summer 2017	**Intern** - **Software Developer - Valensas Technology Services Inc.**
Summer 2017	**Teaching Assistant - Koç University:** I was teaching assistant for mobile device programming course (COMP 319) mobile application course. I helped other students to understand fundamentals of the course
2015 – 2017	**Freelance Web Developer:** I am currently developing laboratory and science center's web pages for various universities.
Summer 2016	**Section Leader**, Computer Science – Bridge Program, Koç University, Istanbul, Turkey - Stanford, Koç University Collaborated Java School for Turkish High School Students. - Teaching java programing language for raising awareness. - This program parallel works with Stanford University CS106A course and Koç University COMP 130 course.

Relevant Coursework:

- STRUCTURE OF COMPUTER PROGRAMS (COMP 200)
- DATA STRUCTURES & ALGORITHMS (COMP 202)
- COMPUTER LANGUAGE AND CONCEPTS (COMP 301)
- SOFTWARE ENGINEERING (COMP 302)
- COMPUTER ARCHITECTURE (COMP 303)
- OPERATING SYSTEMS (COMP 304)
- DATABASE MANAGEMENT SYSTEMS (COMP 306)
- MOBILE DEVICE PROGRAMMING (COMP 319)
- COMPUTER NETWORK (COMP 416)
- COMPUTER AND NETWORK SECURITY (COMP 434)
- COMPUTER GRAPHICS (COMP 410)
- COMPUTER ENGINEERING DESIGN (COMP 49

Relevant Projects

- TFXTarget - Mobile Application - Valensas Technology Solutions Inc. :

TFXTARGET is designed to make your foreign exchange and precious metal trades in a most comfortable way. The application has many functions which enables simultaneous monitoring and trading of world foreign exchange and precious metals such as Gold and silver for 5 days and 24 hours. You can place orders in the currency you specify, or you can do instant trades with market rates.

(References available upon request in any topics)

- Testisim - Awarded as 3'th project - Koç University Computer Engineering Spring 2017 Final Projects

This project is currently a ongoing TUBITAK project. 2018 - current

This project aims to development of web and mobile environment for man health care which targets to make awareness about testicular cancer. With this platform, users can control themselves to determine if they have any symptoms regarding their genital areas. They will be asked to do some Testicular self-examination periodically, and they will be warned via different channels such as push-notifications, e-mails... etc. Additionally, they may be advised a doctor visit with showing closest medical care centers. This project also provides user interface for the doctors for submitting their latest researches or announcements. Users can fallow latest news about testicular cancer related topics. This project will be developed for mobile android and iOS devices and web platforms. In this project both user interface side and server side will be implemented.

- 32 – Bit Single Cycle Processor Design for Computer Architecture Course - Koç University

In this project we will design and implement a 32-bit processor using Logisim. Logisim is a software logic simulator which provides basic components to build a simple processor. We will first design an ALU and use it in our processor. We all know by now that the arithmetic logic unit (ALU) is the most crucial part of a processor. Our ALU will support some operations from MIPS but not all the MIPS instructions.

- Game Development for Software Engineering Course - Koç University

Hadi Cezmi game is a 2D arcade game which enables two players to play in competing manner. It also provides an option for a single player to play the game against a dummy artificial intelligence. There are four levels in the game such that the difficulty of the game gradually increases from the first level to the fourth level. Hadi Cezmi game is composed of two modes which are edit mode and running mode. Players are able to switch between these two modes with and without closing and restarting the game. In edit mode, players design game board by adding gizmos, rotating and/or deleting them and edit/change settings of game board size, control buttons, as well as audio settings. Furthermore, the game supports save and load the game configuration to and from a XML file. In running mode, player(s) play the game.

Technical Skills:

Programming Languages: Kotlin, Swift, Java, Python, PHP, Scheme, JavaScript, HTML, CSS, VHDL, MATLAB, Assembly
Programming Frameworks: Django
Applications: Illustrator, Photoshop, X-Code, Android Studio, Microsoft Office Programs (University Certificated), WireShark
Operating System: macOS, Microsoft Windows, Linux based OS's
Extra: Design Patterns, UML Diagrams, Object Oriented Design, Testing and Management of the Engineering applications.
Language: Fluent in English, Pre-Intermediate German

Activities:

Clubs:

- Member of the IT Club, Koç University 2013 – 2017
- Member of the Mountaineering Club, Koç University 2013 – 2015
- Aviation Club, Tekirdag Anatolian High School 2009 – 2011

Interests:

- Usage of computer algorithms in finance
- Computer Network / Computer Security
- Fine Art

(References available upon request in any topics)