

## Personal information

Surname(s) / First name(s)

Address(es)

Telephone(s)

Email(s)

Nationality(-ies)

Date of birth

Gender

## Tirkaz, Caglar

Elalmis Cd. Esref Edip Sk. No:10/11 Umraniye Istanbul

90 216 466 85 06      Mobile: 90 555 479 84 00

caglartirkaz@gmail.com

Turkish

13.09.1983

Male

## Education and Training

Dates

09.2009 - 06.2016 (expected)

Title of qualification awarded

Ph.D.

Principal subjects

Signature and sketch recognition

Advisor

Assoc. Prof. Berrin Yanikoglu

Co. Advisor

Assoc. Prof. T. Metin Sezgin

Name of organization providing education

Sabanci University, Faculty of Engineering and Natural Sciences, Computer Science and Engineering

Dates

09.2005 - 12.2008

Title of qualification awarded

M.Sc.

Thesis topic

Face recognition using active appearance models

Advisor

Assoc. Prof. Songul Albayrak

Name of organization providing education

Yildiz Technical University, Institute of Science & Technology, Computer Engineering

Dates

09.2001 - 06.2005

Title of qualification awarded

B.Sc.

Thesis topic

Delivery Robot

Advisors

Assoc. Prof. Berrin Yanikoglu & Assoc. Prof. Husnu Yenigun

Name of organization providing education

Sabanci University, Faculty of Engineering and Natural Sciences, Computer Science and Engineering

## Conference Publications

Yilmaz, M. B. & Yanikoglu, B. & Tirkaz, C. and Kholmatov, A. A., "Offline signature verification using classifier combination of HOG and LBP features", International Joint Conference on Biometrics, 2011, USA

Yanikoglu, B., Aptoula, E. & Tirkaz, C. "Sabanci-Okan System at ImageClef 2011: Plant identification task", ImageCLEF 2011 workshop, 19-22 September 2011, Amsterdam, Netherlands.

Tirkaz, C., Yanikoglu, B. & Sezgin, T.M. "Sketched Symbol Recognition with Few Examples Using Particle Filtering", International Symposium on Sketch-Based Interfaces and Modeling, 5-7 August 2011, Vancouver, Canada.

Tirkaz, C., Yanikoglu, B. & Sezgin, T.M. "Using Particle Filters for Partial Sketch Matching", IEEE 19th Signal Processing and Communications Applications Conference, 20-22 April 2011, Antalya, Turkey.

Tirkaz, C. & Albayrak, S. "Face Recognition Using Active Appearance Models", IEEE 17th Signal Processing and Communications Applications Conference, 9-11 April 2009, Antalya, Turkey.

## Teaching Experience

Teaching Assistant

09.2009 - present, Sabanci University, Istanbul, Turkey

Instructor for CS 204: Advanced Programming course in Fall 2009 and Fall 2010. Responsible for 2 hour lecture, and 1 hour office hour of sophomore students.

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Instructor for CS 201: Introduction to Programming course in Spring 2009 and Spring 2010.

Responsible for 3 hour lecture (2 sections) and 1 hour office hour of freshman students.

Teaching Assistant

03.2002 - 10.2004, ASP, Sabanci University, Istanbul, Turkey

Leading peer study and discussions sessions on calculus, physics, chemistry and biology that take place in Academic Support Programs.

## Work Experience

Dates

11.2008-09.2009

Occupation or position held

Software Engineer

Main activities and responsibilities

Researched, implemented and tested various face recognition algorithms using C, C# and Matlab.

Name and address of employer

Ayonix Inc, Osaka, Japan

Type of business or sector

Face recognition

Dates

07.2005-04.2008

Occupation or position held

Software Engineer

Main activities and responsibilities

Designed and implemented windows clients and services for Garanti Technology using C#, Delphi and Microsoft Sql Server.

Name and address of employer

Garanti Technology, Istanbul, Turkey

Type of business or sector

Banking

Dates

07.2004-09.2004

Occupation or position held

Intern

Main activities and responsibilities

Designed and implemented a Personnel Attendance Control System using C# and Microsoft Sql Server.

Name and address of employer

Netiket Software, Istanbul, Turkey

Type of business or sector

IT industry

Dates

09.2003-10.2003

Occupation or position held

Intern

Main activities and responsibilities

Technical support and maintenance for Levi Strauss & CO.

Name and address of employer

Levi Strauss, Istanbul, Turkey

Type of business or sector

Apparel manufacturer

## Awards

2010, Winner of the Forensic Signature Verification (4NSIGCOMP2010)

2004, Winner of Sabanci University Out-Course Student Activity Award

## Personal skills and competences

Technical skills and competences

Mother tongue(s)

Other language(s)

Self-assessment  
European level<sup>(\*)</sup>

### English

## References

2004, Winner of Bizsgame Economy Simulation Contest, which is prepared by Young Success Education Fund and Levis Turkey

2001, Winner of High Honor Scholarship from Sabanci University as a result of taking the 155th place in the rankings of the Turkish nationwide university entrance exam among approximately 2 million candidates

C++, C, Microsoft .NET Framework and Web Services, C#, Matlab, OpenGL, WPF, Delphi(intermediate), Visual Basic(intermediate), JAVA(intermediate).

### Turkish

| Understanding |                 | Speaking |                 |                    |                 | Writing           |                 |    |                 |
|---------------|-----------------|----------|-----------------|--------------------|-----------------|-------------------|-----------------|----|-----------------|
| Listening     |                 | Reading  |                 | Spoken interaction |                 | Spoken production |                 |    |                 |
| C2            | Proficient user | C2       | Proficient user | C1                 | Proficient user | C1                | Proficient user | C2 | Proficient user |

IBT Toefl Score 107. Date of test: August 27, 2011

<sup>(\*)</sup> Common European Framework of Reference (CEF) level

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Koc University, College of Engineering, Sariyer, Istanbul, Turkey

mtsezgin@ku.edu.tr

Assist. Prof. Songul Albayrak

Yildiz Technical University, Computer Engineering Department, Yildiz, Istanbul, Turkey

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