

# Aydin ÖZTOPRAK, PhD

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## Profile:

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Instructor to various courses including industrial design studio and CAD/CAM/CAID courses. 6 years of professional work as user experience researcher at METU-UTEST Product Usability Unit, simultaneously worked as freelance industrial designer. From 08/2007 to 08/2008 Fulbright Visiting Researcher at MIT Department of Architecture – House\_n Research Group as a user experience researcher. Currently instructor at TOBB Economics and Technology University, Department of Industrial Design

## Academic Background

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- **2010-cont. Instructor at TOBB Economics and Technology University Department of Industrial Design**  
Conducting courses on industrial design studio, CAD/CAM/CAID and smart products.
- **2004-2011 Ph.D Middle East Technical University / Department of Industrial Design**  
PhD study focuses on data collection methods from domestic environments and the performance of various sensors in user data collection.
- **2007-2008 Fulbright Visiting Researcher at MIT - House\_N Research Group**  
Working on the design and evaluation of ubiquitous data collection tools for domestic environments.
- **2001 – 2004 Master of Science Middle East Technical University Department of Industrial Design (CumGPA; 3.39 / 4.00)**  
The study analyzed the application of computer aided design tools, group work and online collaboration environments in design education.
- **2001 – 2007 Research assistant in Middle East Technical University, Department of Industrial Design.**  
Computer Graphics, Virtual Design Studio, Industrial Design Studio, Methods and Application of Usability Testing and User Centered Design
- **1996 – 2001 Bachelor in Industrial Design Middle East Technical University Department of Industrial Design**  
A 4 year industrial design education of professional skills and intellect in a highly challenging and demanding environment. Completed with a degree (**CumGPA; 3.37 / 4.00, 2<sup>nd</sup> Highest**); leading the way to the graduate program.
- **1989 – 1996 Bolu İzzet Baysal Anatolian High School (CumGPA; 4.56 / 5.00)**

## Published Work & Patents

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- In D. de Waard, K.A.Brookhuis, and A. Toffetti (Eds.)(2006), Developments in Human Factors in Transportation, Design, and Evaluation. *Field versus laboratory usability testing: A first Comparison* (pp. 205-212). Maastricht, the Netherlands: Shaker Publishing.

- Oztoprak A., Erbug C. (2005) *An Evaluation of an Online Collaborative Course*. In Human Computer Interaction 2005 Conference Proceedings. Las Vegas - USA
- Berkman, A., Oztoprak, A., Erbug, C., Gokceimam, E., & Yilmaz, S. (2010). United States Patent No. US2010126493 (A1). E. P. Office.

## Professional Experience

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- **2010 April** Design of an in context data collection tool and participation at user experience testing of dishwasher interface at UTEST with Arçelik.
- **2009 March** Expert Analysis of a washing machine interface at UTEST for Arçelik.
- **2008 November** Expert analysis of a dishwasher interface at UTEST for Arçelik.
- **2007 August** Design and manufacturing of in context data collection tool at Massachusetts Institute of Technology.
- **2007 March** Participation at expert evaluation of a mid size bus instrument panel at UTEST for TEMSA
- **2006 May** Usability Testing and Benchmarking of Washing Machines at UTEST for Arçelik.
- **2006 February** Expert Analysis and Design proposal of a Dishwasher Interface at UTEST for Arçelik.
- **2005 November** Expert Analysis of a Dishwasher Interface at UTEST for Arçelik.
- **2004 December** Ergonomic design and usability evaluation of a metal detector.
- **2004 November** Computer animation and visualization of various defense industry products.
- **2004 June** Design and manufacturing of a vendor stand for local municipality
- **2001 -2004** Design and Computer visualization of various furniture and interiors

## Awards

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- **2010 June** The Scientific and Technological Council of Turkey (TUBITAK) international PhD support grant.
- **2009 March** IMMIB 2009 Industrial Design Competition, Second Runner Up
- **2007 August** Fulbright Visiting Researcher Award
- **2007 March** IMMIB 2007 Industrial Design Competition, Winner
- **2007 March** IMMIB 2007 Industrial Design Competition, Honorable Mention
- **2006 July** Duyar Vana International Valve Design Competition, First runner up
- **2006 June** METU PhD Course Performance Award, Best Student in PhD Program
- **2006 March** IMMIB 2006 Industrial Design Competition, Honorable Mention
- **2006 February** The Scientific and Technological Council of Turkey (TUBITAK) national PhD support grant.
- **2005 October** Elevator Design Competition, Second runner up
- **2005 March** IMMIB 2005 Industrial Design Competition, First runner up

## Computer Skills

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- Expert knowledge on Bitmap and vector graphics editing software Adobe Creative Suite, Corel Draw
- Expert knowledge on 3D modeling, rendering and animation with 3DS Max, RhinoCeros, Vray, SolidWorks

- Working knowledge of Web authoring tools Flash, Microsoft Expression Studio, HTML
- Working knowledge of Python

## **Language Skills**

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- Native language, Turkish
- Fluency in English reading, writing and speaking
- Beginner German

## **Extracurricular Activities**

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- Darts player in local league
- Amateur table tennis player
- Local representative for Fulbright Program
- Local Hiking Guide

## **Professional Affiliations**

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- Human Factors and Ergonomics Society Europe Chapter
- Usability Professionals Association
- Endüstriyel Tasarımcılar Meslek Kuruluşu