

HİLAL BİNGÖL

Çankaya Üniversitesi, Mekatronik Mühendisliği
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EDUCATION

- Sept. 2014 - ongoing** *Çankaya University, Ankara*
M.Sc., Electronics and Communication Engineering
- 2009 - 2014** *Çankaya University, Ankara*
B.S., Electronics and Communication Engineering
(GPA: 3.71 / 4.00 – 2nd ranking student in ECE Department)
- B.S. Project:** FPGA Based Remote Vehicle Control
- 2008 - 2009** *Gazi University, Ankara*
B.S., Architecture Faculty (left in 2nd year)
- 2004 - 2008** *Aydınlıkevler Anadolu Lisesi, Ankara*

MAJOR ACHIEVEMENTS & AWARDS

- Sept. 2014 - ongoing** Full Scholarship during M.Sc. Studies, Çankaya University
- July 2014 - Sept. 2014** TUBITAK 2241/A Scholarship for B.S. Senior Project
- June 2014** 2nd ranking student in Department of Electronics and
Communication Engineering in B.S. Graduation
- Sept. 2010 - June 2014** High Honor Student in Department of Electronics and
Communication Engineering, Çankaya University
- Sept. 2009 - June 2014** Full Scholarship during B.S. Studies, Çankaya University
- Sept. 2008 - Sept. 2009** Scholarship from the Prime Ministry of Turkey, Gazi Uni.

WORK EXPERIENCE

- Sept. 1, 2014 – ongoing** Research Assistant, Mechatronics Eng., Çankaya Uni, Ankara
- Sept. 2013 – June 2014** Intern / Optoelectronics and Nanoelectronics Laboratory (OPEN Lab), Çankaya University, Ankara
- Aug. 2013 – Sept. 2013** Intern / Digitest Elektronik, Ankara
- July 2013 – Aug. 2013** Intern / Photonic Laboratory (OFAL), Çankaya Uni, Ankara
- July 2012 – Aug. 2012** Intern / Bilgi Teknolojileri ve İletişim Kurumu (BTK), Ankara

PUBLICATIONS

A) National Conference

- 1) **Bingöl, H.**, Kısa, G., Başayar, T., Genç, F., and Yengel, E., "Image-Based Remote Control Using FPGA", 7th Engineering and Technology Symposium, May 15-16, Cankaya University, Ankara, 2014. (text in English)
- 2) **Bingöl, H.**, Çankaya, E., Schmidt, K. W., "Aktüatör Satürasyonu Altında Dizi Kararlı Kooperatif Otomatik Seyir Kontrolü", 17. Otomatik Kontrol Türk Milli Komitesi Ulusal Toplantısı, Eylül 10-12, Denizli, 2015.

PROJECTS

2013-2014 **B.S. Thesis** - Remote Traffic Control, TÜBİTAK 2241/A Sanayi Odaklı Lisans Bitirme Tezi Destekleme Programı

FURTHER SKILLS

Programing Language : VHDL, MATLAB, JavaScript, C++, PIC Microcontroller Programming, NetCAD

Design Softwares : Mentor Graphics, Proteus, OrCAD PSpice

Technical Devices : Atomic Force Microscopy (Nanomagnetic Inst.), Thermal Evaporator (Nanovak NVTH-350), UV-VIS Spectroscopy (Ocean Optics HR4000cg-UV-NIR), Spin Coater (Laurell WS650), Solar Simulator (Newport 9600)

ASSISTANSHIP

2014-2015 (Spring)

ECE 480 - Introduction to Nanotechnology + Lab

ECE 233 - Electrical Circuits Analysis + Lab

2014-2015 (Fall)

ECE 232 - Advanced Electrical Circuits Analysis + Lab

ECE 281 - Electrical Circuits and Instrumentation + Lab

2015-2016 (Spring)

ECE 233 - Electrical Circuits Analysis + Lab

ECE 281 - Electrical Circuits and Instrumentation + Lab

MECE 401 - Introduction to Robotics + Lab