

MAHMUT CENK EFELER

Instructor at Department of Electrical & Electronics Engineering Izmir Institute of Technology
35430, Urla, İzmir, Turkey.

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EDUCATION

- **B.S** Electrical Engineering City College of Newyork City University of Newyork 1988-1992
GPA 3.46/4.0
- **M.S** Studies in Electrical Engineering at Ohio State University at Columbus Ohio USA Fall
quarter of 1994.
Courses completed:
Microwave Circuits, Grade: A-
Advanced Electromagnetic Wave Theory Grade: B+.
- **M.S** Electrical Engineering City College of Newyork City University of Newyork 01/1995-
02/1996, GPA 3.33/4.0
- **PhD** Studies at Department of Electrical & Electronics Izmir Institute of Technology 2008-
20015. Phd Qualifying Exam passed. Course Work consisting of 8 Courses Completed.
GPA:3.83/4.00.
Thesis Accepted : Pixel Estimation based on an Hierarchical Bayesian Model.

Publication:

A Bayesian approach for licence plate recognition developed on a realistic simulation environment.
Mahmut Cenk Efeler;Mustafa A. Altınkaya;Şevket Gümüştekin
2013 21st Signal Processing and Communications Applications (SIU)
2013 | Conference Paper | Publisher: IEEE

English Test Scores:

▪ ÜDS (University Language Exam)	95.00/100	07/04/2008
▪ ÜDS (University Language Exam)	96.25/100	07/01/2011
▪ YDS (Foreign Language Level Determination Exam)	92.50/100	07/06/2012
▪ YDS (Foreign Language Level Determination Exam)	92.50/100	20/04/2017
▪ YDS (Foreign Language Level Determination Exam)	90.00/100	10/04/2022

Academic Test Scores:

▪ ALES,	Quantitative	75/100	04/2008
▪ GRE,	General Quantitative	800/800	12/1991
▪ GRE,	Subject Engineering	690/800	03/1992
▪ IYTE,	Computer Com. Expert Qualifying Exam	86/100	10/2010
▪ IYTE,	Instructor Qualifying Exam	81/100	01/2012

PROFESSIONAL EXPERIENCE:

- **Ubicom Software – Technology Development Zone, Gebze - Kocaeli/Turkey**
Software Test Group Manager 07/2007-01/2008
- **Cabot Vestel – Techno Park Izmir (Izmir Institute of Technology)**
Software Test Group Manager 06/2004-07/2007

- **Vestelkom – Vestel – Egean Free Trade Zone, Izmir/Turkey**
Technical Leader of Black Box Software Test Group, 01/2004 - 04/2004
Senior Software Test Engineer – Design & Verification Group, 11/2002 - 01/2004
- **Telenity Telecom Software – Ataturk Airport Free Trade Zone, Yeşilköy Istanbul/Turkey**
Senior Software Test Engineer : Test and Validation Group 09/2000-12/2001
- **Telsim Mobile Communication Operator – Istanbul/Turkey**
Consultant to IT Group 10/1999-4/2000
- **Lucent Technologies Bell Laboratories – Whippany New Jersey USA**
Consultant to Software Test CDMA System Test Group 04/1997 - 06/1999
- **Newnet Inc. Connecticut USA**
Test & Validation Engineer 02/1996 - 04/1997

COMPUTER PROGRAMMING LANGUAGES:

C , C++, Matlab ,UNIX (LINUX) , Python.

FOREIGN LANGUAGES: English, Intermediate German.

PROFESSIONAL PROJECTS :

- “Development Handbook” : Vestel R&D Manisa 05/2004- 07/2004

A study of software & hardware development life cycles and test practices at Vestel R&D department and a development model proposal.

PROFESSIONAL TRAININGS:

- Advanced, Intensive C programming language training – Uvicom Turkey Gebze Kocaeli Turkey - October 2007 (4 weeks).
- Network Testing training - Uvicom USA Silicon Valley San Francisco USA – November 2007 (5 weeks)
- Leadership training at Vestel, (Duration: 2 days) 09/2006
- Effective Human Management Training at Vestel (2 days), 04/2004
- Guidance & Coaching Training at Vestel, (2 days), 04/2004
- Creative Problem Solving Techniques at Vestel (2 days), 04/2004
- Introduction to Wireless & Personal Communication Lucent Technologies Bell Laboratories – Whippany, New Jersey USA- (1 week), 07/1997
- Introduction to Wireless CDMA Technology Lucent Technologies Bell Laboratories – Whippany New Jersey, USA- (1 week), 08/1997
- Cultural Diversity Training, Lucent Technologies Bell Laboratories – Whippany New Jersey USA, (1 week) 09/1997
- N.L.P Practitioner (Neural Linguistic Programming) Training offered by Taşkın Köksalan NLP Academy, Turkey Spring 2013. Duration (8 weekends, roughly 140 hours).

ACADEMIC EXPERIENCE

- **Izmir University of Economics Vocational School - Part Time Instructor**
Department of Computer Programming 2005-2006

Courses taught: Introduction to C Programming Language, (Fall 2005), Basic Electronics, (Fall 2005), Introduction to Switching Theory and Computer Hardware Design, (Spring 2006)

- **Izmir University of Economics Faculty of Engineering - Part Time Instructor**
Department of Software Engineering 2008-/2010

Courses taught : Physics 101- Introduction to Mechanics, (Fall 2008), 2009 Physics 102, Introduction to Electricity & Optics, (Spring 2008, 2009, 2010), CSC 100-Introduction to Computer Science, (Spring 2010).

- **Izmir Institute of Technology, Department of Electrical & Electronics Engineering**
Computer Networks Expert 10/2010-01/2012

Lab instructor for Matlab applications in Signals & Systems Course EE 331, Fall 2010- Fall 2011
Teaching Assistant for Scientific Programming Course EE 204, Spring 2011
Teaching Assistant for Introduction to C Programming Course EE 103, Fall 2011.

- **Izmir Institute of Technology, Department of Electrical & Electronics Engineering**
Instructor 01/2012-present

Teaching Assistant for Scientific Programming Course EE 204, Spring 2012

Instructor of the following courses at IYTE :

EE 210 Fundamentals of Electrical & Electronics Circuits (Mechanical Engineering) 2011-2022, (10 Times).
EE 271 Circuit Analysis (Computer Engineering Dept.), 2012-2022, (10 Times)
EE 272 Electronic Circuits (Computer Engineering Dept.), 2015-2022, (7 Times)
EE 103 Introduction to Programming (C Language), 2015-2022, (8 Times)
EE 142 Introduction to Logic Design 2015-2022, (7 Times)
EE 101 Introduction to Electrical Engineering, 2019-2020
EE 491 Graduation Project EE491, 2019-2021, (2 Times)
EE 492 Graduation Project EE492, 2020-2022, (2 Times)
EE 300 Summer Practice 1 2019-2022, (3 Times)
EE 400 Summer Practice 2 2019-2022, (3 Times)

- **Management Activities at IYTE**

Internship Coordinator of Electrical & Electronics Department, Spring 2020 to present.