

**MAHMUT CENK EFELER**  
**Instructor at Electrical & Electronics Department Izmir Institute of Technology**

Email : mahmutefeler@iyte.edu.tr Phone : 232-750-6546

**WORK EXPERIENCE:**

▪ **UBICOM TURKEY – TECHNOLOGY DEVELOPMENT ZONE GEBZE - KOCAELI TURKEY**  
07/2007-01/2008

Software Test Group Manager

Build the software test team for Turkey branch of UBIKOM internet network devices and software company located in Silicon Valley, San Fransisco USA.

▪ **CABOT URLA – VESTEL GROUP OF COMPANIES - IZMIR INSTITUTE OF TECHNOLOGY-TECHNOLOGY DEVELOPMENT CENTER.**

Software Test Group Manager 06/2004-07/2007

Build the test team, the software test infrastructure of Cabot ,supported and coordinated software test activities.

**VESTELKOM - VESTEL GROUP OF COMPANIES – EGEAN FREE TRADE ZONE – GAZIEMIR IZMIR - TURKEY**

Technical Leader of Black Box Software Test Group : 01/2004 - 04/2004

Designed and executed user tests for Vestel's DVD,DVD recorder,Home theatre system products.

Senior Software Test Engineer – Design&Verification Group : 11/2002 - 01/2004

Made significant contributions to software quality standards of Vestel's software development and test processes.

**TELENITY TELECOM SOFTWARE COMPANY – ATATURK AIRPORT - FREE TRADE ZONE – YESILKOY - ISTANBUL TURKEY**

Senior Software Test Engineer : Test and Validation Group

09/2000-12/2001

Supported test case,test procedure and test process documentation required for building the test infrastructure.

Designed and executed test cases for Telenity projects.

**TELSIM MOBILE COMMUNICATION OPERATOR ISTANBUL TURKEY**

**Technical Consultant at IT Department**

09/1999-3/2000

Evaluated network software systems that Telsim considered to purchase and supported billing operations.

**LUCENT TECHNOLOGIES BELL LABORATORIES – CDMA SYSTEM TEST GROUP**  
**WHIPPANY NEW JERSEY USA**

04/1997 - 06/1999

Software Test Consultant to CDMA (Code Division Multiple Access Group)  
As the owner of Operations&Maintenance Test cases and requirements.  
designed and executed CDMA flexent microcell Test cases.

**NEWNET INC. CONNETICUT USA**

Test & Validation Engineer

02/1996 - 04/1997

Tested several different layers of SS7 (Signaling System 7) protocol implementation software, wireless application processing interfaces and applications of this protocol software on various UNIX platforms.

**ACADEMIC EXPERIENCE**

▪ Part Time Instructor at Izmir University of Economics Vocatianal School - Department of Computer Programming

**Courses Taught:** Introduction to C Programming Language Fall 2005  
Basic Electronics Fall 2005  
Introduction to Switching Theory & Computer Hardware Design Spring 2006

▪ **Part Time Instructor at Izmir University of Economics at Faculty of Engineering - Department of Software Engineering**

01/2008-05/2010

**Courses Taught:** Physics 101 : Introduction To Mechanics  
Physics 102 : Introduction To Electricity & Optics.  
Computer Science 100 : Introduction To Computer Science.

▪ **Computer Lab Expert at at Electrical & Electronics Department Izmir Institute ofTechnology**  
10/2010 – 01/2012

Lab instructor for Matlab applications in Signals & Sytems Course EE 331, Fall 2010- Fall 2011  
Teaching Assistant for Data Structures&Numerical Analysis Course EE 204, Spring 2011  
Teaching Assistant for Introduction to C Programming Course EE 103, Fall 2011.

▪ **Instructor at Electrical & Electronics Department Izmir Institute ofTechnology**  
01/2012-

Teaching Assistant for Data Structures&Numerical Analysis Course EE 204 Spring 2012  
Instructed Introduction to Electrical Engineering Course for Chemical Engineering students EE 210, Spring 2012.  
Currently, instructing Introduction to Electrical Engineering Course for Computer Engineering students EE 271,Fall 2012.  
Lab instructor for Matlab applications in Signals & Sytems Course EE 331. Fall 2012.

## **AWARDS**

Scored 800/800 and ranked top 1 percent in GRE test quantitative section in 1992 in USA.

Scored 690/800 and ranked top 25% in Engineering GRE subject test as a senior student ,prior to completing the bachelors degree in electrical engineering in 1992 in USA .

Scored 280/300 at Ohio State University's English speech test in 1994 prior to starting master studies at Columbus Ohio.

Entered Bosphorus University Electrical Engineering department as 23 rd out of 50 students who ranked top 200 among 500,000 students in 1983.

## **PROJECTS :**

- Test Automation utility scripts implementation in python programming language - Cabot Urla  
10/2005 - 12/2005
- Documentation of Digital Video Broadcast Satellite Receiver software test cases. Cabot Urla  
09/2005-12/2005
- "Development Handbook" : Vestel R&D Manisa  
05/2004- 07/2004  
A study of development and test practices at Vestel and a development model proposal.

## **PROFESSIONAL TRAINING :**

Advanced,Intensive C programming language training :

Gebze – Kocaeli 2007 Turkey

Duration :1 month

Internet Network Software Test Training : San Fransisco 2007 – USA

Duration:1 month

Leadership training at Vestel

Duration: 2 days 09/2006

Effective Human Management Training at Vestel

Duration: 2 days 04/2004

Guidance & Coaching Training at Vestel

Duration: 2 days 04/2004

Creative Problem Solving Techniques at Vestel

Duration: 2 days 04/2004

Introduction to Wireless & Personal Communication

Lucent Technologies Bell Laboratories – Whippany New Jersey USA

Duration: 1 week 07/1997

Introduction to Wireless CDMA Technology

Lucent Technologies Bell Laboratories – Whippany New Jersey USA

Duration: 1 week 08/1997

Cultural Diversity Training

Lucent Technologies Bell Laboratories – Whippany New Jersey USA

Duration: 1 week 09/1997

**Computer Programming Languages :** UNIX - Python - C - C++ - Matlab

**Languages:** English, German.

**Education:**

▪ Currently pursuing a Phd degree in Electrical Engineering at Electrical & Electronics Department Izmir Institute of Technology Phd programme.

Thesis: Bayesian Image Processing

Course work completed, proposal accepted and about to start publishing results.

Phd Start Date: 08/2008

**GPA :** 3.81/4.00

▪ **Master of Electrical Engineering**

**OHIO STATE UNIVERSITY** studied during Fall quarter of 1994

Completed Graduate Course Work:

Advanced Electromagnetic Wave Theory with B+

Microwave Circuit Theory with A-

▪ **Master of Electrical Engineering**

**CITY COLLEGE OF CITY UNIVERSITY OF NEWYORK** 01/1995-01/1996 **GPA :** 3.33/4.00

Specialized in Computer networks, protocols and electrooptics.

▪ **Bachelor of Electrical Engineering**

**CITY COLLEGE OF CITY UNIVERSITY OF NEWYORK** 08/1988-08/1992

**GPA :** 3.46/4.00

**BOSPHORUS UNIVERSITY ELECTRICAL&ELECTRONICS ENGINEERING DEPARTMENT**

Studies between years 1984-1987

**ISTANBUL ERKEK LISESI** 1983 GRADUATE.