



**Kemal  
Ihsan Kilic**

Date of birth: 25/12/1971

Nationality: Cypriot

Gender: Male

## CONTACT



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## EDUCATION AND TRAINING

**01/10/1989 – 01/07/1994** – Istanbul, Turkey

### **BSc. in Computer Engineering**

Boğaziçi University

**01/08/1995 – 20/12/1998** – Maryland, United States

### **MSc. in Computer Science**

University of Maryland, College Park

**01/02/2016 – 16/10/2018** – Güzelyurt, Cyprus

### **MSc. in Sustainable Environment and Energy Systems**

Middle East Technical University, Northern Cyprus Campus

**01/03/2019 – CURRENT** – Camerino, Italy

### **Ph.D. in Computer Science**

University of Camerino

## WORK EXPERIENCE

**01/06/1993 – 01/09/1993**

### **Software Engineer**

Promax

C programming and UNIX Platform  
Istanbul, Turkey

**01/06/1996 – 01/09/1998**

### **University research assistant**

Dept. of Computer Science, University of Maryland, College Park

Graduate Research Assistant. Studied on Duplicate Detection in Large Document Databases in CfAR. Researched in Multimedia Databases Lab

Maryland, United States

**01/03/2007 – 01/03/2015**

### **University instructor**

Dept. of Computer Engineering, Near East University

Taught various Computer Engineering courses and researched in Texture Recognition

Courses taught:

- Introductory C Programming
- Computer Networks
- Software Engineering
- Discrete Structures

Nicosia, Cyprus

**01/02/2016 – 01/02/2019**

## University teaching assistant

Dept. of Computer Engineering, Middle East Technical University, North Cyprus Campus

Worked as a teaching assistant and studied for MSc. in Dept. of Sustainable Environment and Energy Systems

Güzelyurt, Cyprus

**01/03/2019 – CURRENT** – Camerino, Italy

## PhD Student

Department of Computer Science, University of Camerino

Research in WSN, Distributed Systems, Computer Vision, Human Pose Detection, Robotic Arms

## LANGUAGE SKILLS

**MOTHER TONGUE(S):** Turkish

**OTHER LANGUAGE(S):**

**English**

**Listening**  
C2

**Reading**  
C2

**Spoken  
production**  
C2

**Spoken  
interaction**  
C2

**Writing**  
C2

**Italian**

**Listening**  
C2

**Reading**  
C2

**Spoken  
production**  
B2

**Spoken  
interaction**  
B2

**Writing**  
B1

## DIGITAL SKILLS

Linux / R Language / Latex / C++ / Python / Git / C

## PUBLICATIONS

### ● Publications

Heuristic Drone Pathfinding over Optimised Charging Station Grid  
IEEE Access

2021, journal article

DOI: <https://doi.org/10.1109/access.2021.3134459>

Optimum Path Finding Framework for Drone Assisted Boat Rescue Missions

2021-05-01, conference-paper

DOI: [https://doi.org/10.1007/978-3-030-75078-7\\_23](https://doi.org/10.1007/978-3-030-75078-7_23)

Voronoi Tessellation-based load-balanced multi-objective priority-based heuristic optimisation for multi-cell region coverage with UAVs

International Journal of Web and Grid Services

2021-04-27, journal-article

DOI: <https://doi.org/10.1504/ijwgs.2021.114574>

Multi-objective Priority Based Heuristic Optimization for Region Coverage with UAVs

Advanced Information Networking and Applications

2020, book-chapter

DOI: [https://doi.org/10.1007/978-3-030-44041-1\\_68](https://doi.org/10.1007/978-3-030-44041-1_68)

Energy-Aware Routing Protocol for Nanosensor Networks

Internet of Nano-Things and Wireless Body Area Networks (WBAN)

2019-05-13, book-chapter

DOI: <https://doi.org/10.1201/9780429243707-9>

Lagoon: A simple energy-aware routing protocol for wireless nano-sensor networks

IET Wireless Sensor Systems

2019, journal-article

DOI: <https://doi.org/10.1049/iet-wss.2018.5079>

Exploiting the synergy between fractal dimension and lacunarity for improved texture recognition

Signal Processing

2011, journal-article

DOI: <https://doi.org/10.1016/j.sigpro.2011.04.018>

Adaptive iris segmentation

Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)

2009, book

DOI: [https://doi.org/10.1007/978-3-642-02617-1\\_10](https://doi.org/10.1007/978-3-642-02617-1_10)

An efficient fractal measure for image texture recognition

ICSCCW 2009 - 5th International Conference on Soft Computing, Computing with Words and Perceptions in System Analysis, Decision and Control

2009, conference-paper

DOI: <https://doi.org/10.1109/icscw.2009.5379454>

Handling Updates and Crashes in VoD Systems

Multimedia Tools and Applications

1998, journal-article

EID: 2-s2.0-0032122656

DOI: <https://doi.org/10.1023/A:1009626304548>

An Image Analyzing Expert System For Detection of Periodontal Bone Lesions

The 9th International Symposium on Computer and Information Sciences (ISCIS)

1994-11, conference-paper