

Kahraman Kostas

PHD CANDIDATE

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Education

Heriot-Watt University

Edinburgh, UK

DOCTOR OF PHILOSOPHY IN IN COMPUTER SCIENCE

2019- Present

- **Research Topic:** *Anomaly detection via machine learning for IoT*

University of Essex

Colchester, UK

MASTER OF SCIENCE IN COMPUTER NETWORKS AND SECURITY, WITH DISTINCTION

2017 - 2018

- **Qualifications:** *IP Networking and Applications, Computer Security, Converged Networks and Services, Mobile Communications, Networks Laboratory, Network Security, Professional Practice and Research Methodology, MSc Project And Dissertation*
- **Thesis topic :** *Anomaly Detection in Networks Using Machine Learning*

Anadolu University

Eskişehir, Turkey

BACHELOR OF ART IN TURKISH LANGUAGE AND LITERATURE, GPA: 3.41/4

2012 - 2015

- **Qualifications:** *Literary Movements in Western Literature, Turkish Phonology, Turkish Morphology, VIII – XIII Centuries of Turkish Literature, Orkhon Turkish, Turkish Syntax, XIV - XV Centuries of Turkish Literature, Uyghur Turkish, The Tanzimat Period of Turkish Literature, Ottoman Turkish Grammar, Modern Turkish Written Languages, General Linguistics, The Second Constitutional Period of Turkish Literature, Turkish Poetry in the Republican Period, Turkish Prose in the Republican Period, The History of Literary Criticism, Contemporary Turkish Novel, Contemporary Turkish Literature.*

Marmara University

Istanbul, Turkey

BACHELOR OF SCIENCE IN COMPUTER EDUCATION AND INSTRUCTIONAL TECHNOLOGY, GPA: 74.74/100

2005- 2009

- **Qualifications:** *Information Technology in Education, Computer Hardware, Programming Languages, Computer Networks Communications, Operating Systems and Applications, Instructional Technology and Material Development, Authoring Languages for the Internet, Flash and Web Design, Internet Applications in Education, Design of Educational Computer Games, Authoring Languages for PC.*

Experience

Heriot-Watt University

Edinburgh, UK

PHD CANDIDATE / TEACHING ASSISTANT

May 2019 - Present

- Teaching assistant and lab demonstrator of Data Communications and Networking
- Teaching assistant and lab demonstrator of Computer Network Security
- Teaching assistant and lab demonstrator of Advanced Network Security
- Teaching assistant and lab demonstrator of Software Development 1(Java)

Turkish Ministry of National Education

Manisa, Turkey

TEACHER TRAINER

Sept. 2013 - Jan. 2016

- Teaching teachers how to use interactive board and board software and practicing the use of materials.
- Teaching teachers about using online/offline software, electronic materials and applications in their field.
- Teaching teachers about network technologies and network security issues.

Turkish Ministry of National Education

Manisa, Turkey

COMPUTER TEACHER AND TECHNOLOGY CONSULTANT

Sept. 2009 - Jan. 2016

- Developing and implementing an effective computer-based curriculum.
- Assigning, assisting, and grading students on computer projects.
- Monitoring, assessing, and documenting student progress.
- Teaching computer fundamentals and programming language to students.

Skills

Programming Languages

Python, Java, Julia, C, ns2, \LaTeX

Frameworks & Libraries

Jupyter, Matplotlib, Numpy, Pandas, Scikit-learn, Scapy, Tensorflow, Keras

Languages

Native: Turkish **Fluent:** English **Beginner:** Arabic