Konstantinos Tsinganos

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FORMAL EDUCATION M.Sc. in Data-Driven Computing and Decision Making

Department of Computer Engineering and Informatics,

Oct 2019 - Sep 2021 (Expected)

Department of Mathematics, University of Patras, Greece

Grade: 9.19 / 10

Integrated Master (300 ECTS) in Electrical and Computer Engineering

Sep 2012 - Apr 2019

Department of Electrical and Computer Engineering, University of Patras, Greece

Grade: 7.79 / 10

Intelligent Systems and Robotics TEACHING

Mar 2021 - Jun 2021

Department of Computer Engineering and Informatics

University of Patras, Greece

Supervisor: Dr. Konstantinos Chatzilygeroudis

Databases Laboratory Assistant Nov 2019 – Feb 2021

Department of Computer Engineering and Informatics

University of Patras, Greece

Supervisors: Prof. Maria Rigou and Dr. Eleni Voyiatzaki

Object-Oriented Programming Laboratory Assistant Mar 2020 - Jun 2020

Department of Computer Engineering and Informatics

University of Patras, Greece

Supervisors: Prof. Ioannis Hatzilygeroudis, Dr. Dimitrios Koutsomitropoulos and Dr. Eleni Voyiatzaki

LANGUAGES ■ Greek: Native Speaker

■ English: University of Cambridge, First Certificate in English, Level B2

TECHNICAL SKILLS

EXPERIENCE

■ Programming Languages: Java, Python, MATLAB, C, C++, SQL, HTML, CSS, JavaScript, VBA

Libraries & Frameworks: scikit-learn, pandas, NumPy, matplotlib, PyTorch, OpenCV

■ Version Control: Git, GitHub ■ Website building: WordPress ■ Operating Systems: Windows, Linux

■ Office Applications: Microsoft Word, Excel, PowerPoint, LaTeX

PROJECTS

RESEARCH INTERESTS ■ Visual-based Imitation Learning

■ Robot Learning

■ Reinforcement Learning

Explainable and Ethical Artificial Intelligence

■ Computer Vision

FURTHER EDUCATION Natural Language Processing Specialization - Coursera

Oct 2020

Credential ID: MB2KXZBGEZ8K

Deep Learning Specialization - Coursera

Sep 2020

Credential ID: 8A5VZU964M5U

HelloAIRIS 2020 - Artificial Intelligence in Healthcare

Jun 2020 - Aug 2020

Funded by EIT Health and organized by GE Healthcare, KTH Royal Institute of Technology Stockholm and LEITAT

Predictive Analytics for Business Nanodegree - Udacity

Confirm program completion at graduation.udacity.com/confirm/AME4LFAM

May 2020

Postgraduate Level, Data-Driven Computing and Decision Making

■ Simulation-to-Reality methods for Visual-based Imitation Learning Nov 2020 – Sep 2021 (Expected) Master thesis, Supervisors: Prof. Evangelos Dermatas, Dr. Konstantinos Chatzilygeroudis

 Pre-processing of datasets from FrailSafe project and utilization of (un)-supervised machine learning techniques and data visualization tools in Python Dec 2019 - Feb 2020 Project for the course of Analysis and Management of Spatial-Temporal Data

Undergraduate Level, Electrical and Computer Engineering

■ Registration of Satellite Images	Oct 2017 – Feb 2019
Diploma thesis, Supervisor: Prof. Athanassios Skodras	
Design of a database for the warehouse of a store in SQL and JDBC	May 2017 – Jun 2017
Project for the course of Databases	
■ Implementation of Logic Gates Simulator application in Java	Dec 2015 – Jan 2016
Project for the course of Object-Oriented Technology	
■ Implementation of a RPN Calculator in Java	Oct 2015 - Nov 2015
Project for the course of Object-Oriented Technology	

PERSONAL INTERESTS Byzantine music, digital photography, cycling, observational astronomy