Konstantinos Tsinganos

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FORMAL EDUCATION

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

Oct 2019 – Jun 2021 (Expected)

Department of Computer Engineering and Informatics, 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

Diploma Thesis: Registration of Satellite Images

Grade: 7.79 / 10

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

May 2020

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

TEACHING EXPERIENCE

Databases Laboratory Assistant

Nov 2019 - Feb 2021

ERIENCE Department of Computer Engineering and Informatics

University of Patras, Greece

Supervisors: Prof. Maria Rigou and Dr. Eleni Voyiatzaki

Mar 2020 – Jun 2020

Object-Oriented Programming Laboratory Assistant 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

- Programming Languages: Java, Python, MATLAB, C, C++, SQL, HTML, CSS, JavaScript, VBA
- Libraries & Frameworks: scikit-learn, pandas, NumPy, matplotlib, PyTorch, TensorFlow, OpenCV
- Version Control: Git, GitHub
- Website building: WordPress
- Operating Systems: Windows, Linux
- Office Applications: Microsoft Word, Excel, PowerPoint, LATEX

RESEARCH INTERESTS

- Machine Learning
- Explainable and Ethical AI
- Algorithmic Game Theory
- Digital Image Processing

PROJECTS

Postgraduate Level, Data-Driven Computing and Decision Making

• Pre-processing of datasets from FrailSafe project and utilization of (un)-supervised

machine learning techniques and data visualization tools in Python Project for the course of Analysis and Management of Spatial-Temporal Data Dec 2019 – Feb 2020

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

• Secure Electronic Transaction (SET) Protocol Simulation in Java Project for the course of Computer and Network Security

■ Implementation of Logic Gates Simulator application in Java Project for the course of Object-Oriented Technology

 Implementation of a RPN Calculator in Java Project for the course of Object-Oriented Technology Nov 2016 – Dec 2016

Dec 2015 – Jan 2016

Oct 2015 - Nov 2015

PERSONAL INTERESTS

Byzantine music, digital photography, cycling, observational astronomy