

Omiros Pantazis

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Experience

- *Swhere* - Data Scientist (2017-Present)
 - Conduction of Data Analysis to reveal correlations in datasets according to project needs and development of Machine Learning models that unlock value for the client
- *Ernst & Young (EY)* - Software Engineer (2015 - 2016)
 - Implementation and Customization of Insurance Information Systems for the specific needs of clients
- *Forecasting & Strategy Unit (N.T.U.A)* - Research & Development Assistant (2011)

Education

- **MSc Machine Learning** at *University College London (UCL)* (2016-2017)
 - Courses: Advanced Topics in Machine Learning, Supervised Learning, Graphical Models, Statistical Natural Language Processing, Information Retrieval and Data Mining, Affective Computing and Human-Robot Interaction, Computational Modelling for Biomedical Imaging, Programming and Mathematical Methods for Machine Learning
 - Diploma Thesis in Computer Vision:
 - Title: “Psychophysics for Interpretation of Convolution Neural Networks and Localization”
 - Keywords: Deep Learning, Computer Vision, Object Localization, Psychophysics, Classification Images, Noise Addition
 - Tools: Python, TensorFlow, Keras, Numpy/Scipy
- **BSc/MSc Electrical & Computer Engineering** with major in *Computer Science* at *National Technical University of Athens (NTUA)* (2010 - 2016)
 - Specialization Flows: *Computer Software, Computer Systems and Biomedical Engineering*
 - Diploma Thesis in Computer Software sector:
 - Title: “Data Mining from Twitter and Implementation of Unsupervised Machine Learning Algorithms for Text Clustering”
 - Keywords: Machine Learning, Data Mining, Data Analysis, Data Visualization, NoSQL, Graph Databases
 - Tools: Python, Neo4j Graph Database, Scikit-Learn, Twitter APIs

Technical Skills

- Languages: Python, MATLAB, C/C++, R, SQL, PL/SQL, JavaScript
- Tools: TensorFlow, Keras, Scikit-Learn, Python Libraries (Anaconda, IPython, Numpy/Scipy, Pandas, Flask, BokehJS), Git, AWS, Twitter APIs, Microsoft Word/Excel/PowerPoint
- Databases: Neo4j NoSQL Graph Database, Oracle DB
- Operating Systems: Microsoft Windows, Ubuntu Linux

Foreign Languages

- Holder of Certificate of Proficiency in English (ECPE) from Michigan University

Interests

- Strong interest on how Artificial Intelligence and Machine Learning can change everyday activities and improve the quality of our lives
- Building of adaptive knowledge extraction systems across multiple fields through Deep Learning
- Interested in building communication and relations with Positive thinking and Teamwork

Activities

- Tutoring Mathematics, Physics and Computer Programming to students coming from all the classes of School (Junior and Senior High School) (2010-2015)
- Water Polo
 - o Seven-time Greek National Water Polo Champion at all categories Under-18 as a member of Athletic Club of Palaion Faliron (2004-2010)
 - o Water Polo player at first Divisions of Greece (2010-2016)
 - o Water Polo player at UCL Water Polo team (2016-Present)
- Video editing/producing
- Snowboarding
- Travelling

****Completed Military Obligations (2013-2014)***