

PANTELIS MANIOTIS

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PROFILE:

A competent data scientist with a comprehensive knowledge and experience in analysing large datasets and developing forecasting models. His fields of knowledge include:

- Machine Learning
- Database design
- Statistical Analysis
- Deep Learning
- Data cleaning
- Combinatorial optimization
- Data Analysis
- Automation of processes
- Software Engineering

Please check my [online portfolio](#) for a complete list of various projects, publications, tools I have used, etc.

WORK EXPERIENCE:

UNIVERSITY OF ESSEX

Data Science / Research and Development

Wivenhoe Park, Colchester, UK

Oct 2016 – Sept 2020

- Simulated 5G mobile networks for the delivery of VR applications, in order to maximise the Quality of Experience users enjoy and minimise the operating cost.
- Extracted valuable insights from the statistical analysis and visualisation of large datasets regarding the users' consumption patterns.
- Developed Machine Learning and Deep Learning models, in order to optimise the performance of the mobile networks.

NDC TECHNOLOGIES

Data Analyst

Heybridge, Maldon, United Kingdom

May 2018 – September 2018

- Developed a standalone MS Access Database in Access 2016 for data collection and data analysis processes.
- Built front-end screen with user menus, input forms, reports forms, using custom procedures in VBA code and macros to increase consistency of data.
- Performed data cleaning techniques to ensure data correctness and accuracy.

HELLENIC ARMY

Data Analyst

Evros, Greece

March 2015 – December 2015

- Managed a large volume of sensitive military data using MS Office.
- Maintained and improved the tools and applications used in MS Excel, MS Access, using VBA.
- Optimized data collection procedures and generated reports on a weekly and monthly basis.

EDUCATION:

UNIVERSITY OF ESSEX

- PhD in Computer Science and Electronic Engineering

Wivenhoe Park, Colchester, Essex, UK

October 2016 – September 2020

ARISTOTLE UNIVERSITY of THESSALONIKI (AUTH)

- BSc and MSc in Electrical and Computer Engineering (5 year degree) (**7.02/10**)

Thessaloniki, Greece

September 2007– April 2015

SKILLS:

- Specialized computer software knowledge (MS Office, MATLAB, Tableau, SPSS, LaTeX, Adobe Photoshop, GIMP)
- Programming skills (Python, Pandas, NumPy, Scikit-learn, Matplotlib, Keras, SQL, R, C, C++, VBA, Bash Shell).
- Excellent knowledge of Linux, Windows, Mac OS operating systems.
- Excellent knowledge of English and Greek.

INTERESTS:

- Keeping up to date with the state-of-the-art technology advancements.
- Testing computer software capabilities.
- Playing chess.
- Exercising.