Data Scientist

Dimitrios Bizopoulos

Info

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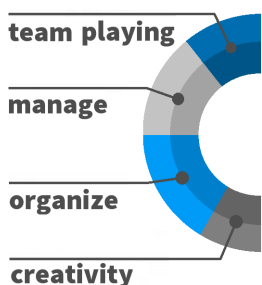gmail.com

in LinkedIn
Dimitrios Bizopoulos

Github
github.com/mpizosdim

Skills

Software
MATLAB ●●●●●○
Python ●●●●○○
R ●●●○○○
Latex ●●●●○○
M.Office ●●●●○○
SQL ●○○○○○
Spark ●●●○○○

Personal Skills

team playing

manage

organize

creativity
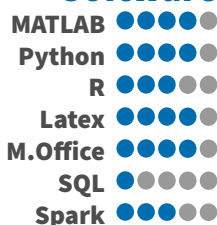
Languages
Greek ●●●●●○
English ●●●●○○

Education

2012 - 2015 **Master's Degree in Wind Energy Eng.**   Denmark's Technical University, Copenhagen
Relevant courses: Micro Meteorology for Wind Energy, Advanced MATLAB programming, Wind Turbine Technology and Aerodynamics, Wind Turbine Aeroelasticity, CFD.
Title of the Thesis: *"Simulation and Analysis of Offshore Vertical Axis Wind Turbines using Object Oriented Programming"*. Supervisor: Martin O.L. Hansen.

2004 - 2011 **Diploma in Mechanical Engineering**   Aristotle University of Thessaloniki, Greece
5 year degree MEng: 300 ECTS Credits (180 ECTS: General Competence, 120 ECTS: Specialization in Energy Engineering).
Relevant courses: Statistics, Numerical Analysis, Introduction to Computer Science, Industrial Management, MATLAB.
Title of the Thesis: *"Green Roof Installation and its Energy Effect on two Types of Urban Blocks of Flats".*

2009 - 2010 **Erasmus Programme**   Budapest University of Technology and Economics, Hungary
European Community Action Scheme for the Mobility of University Students.
Faculty of Mechanical Engineering.

5/15-11/15 **Data Science Specialization**   Johns Hopkins University
A sequence of courses from Coursera. Verified Certificates: Developing Data Products, Practical Machine Learning, Regression Models, The Data Scientist's Toolbox, R programming, Getting and Cleaning Data, Exploratory Data Analysis, Statistical Inference, Reproducible Research.

10/15-Pres. **Big Data Specialization**   University of California
A sequence of courses from Coursera. Verified Certificates: Introduction to Big Data, Hadoop Platform and Application Framework, Introduction to Big Data Analytics.

12/15-Pres. **Machine Learning Specialization**   University of Washington
Verified Certificates: Machine Learning Foundations, Regression

Experience

11/15 - now **Data Scientist**   RelinkLabs, Copenhagen
Data Scientist in RelinkLabs, a start-up company based in Founders House. Responsible for cleaning, normalizing and merging data as well as Predictive analytics using Natural Language processing and Machine Learning.

10/11 - 9/12 **Greek Army**   Compulsory Military Service
Radar Operator in Air protection system.

1/11 - 9/11 **TOMI School**   Private School for university students
Teacher assistant for MATLAB exersizes and assignments for engineering students.

7/9 - 9/09 **Makedoniki Energiaki S.A.**   Photovoltaic Installations
Internship through National Framework. Assistant in planning PV installations using Skelion.

Projects

11/14 - 7/15 **Wind Turbine Contest 2015**   Delft University, Netherlands
Participated in the Contest that took part on July 2015 in Delf University. Involved in the designing, manufacturing of a wind turbine. Member of the team representing DTU.

3/15 - 5/15 **Wind Farm Data Analyser**   Lyngby, Denmark
Design and development of a tool to filter, analyse and output statistical results for wind data. Furthermore, it has the functionality to evaluate the effeciency of the input Wind Farm.

10/14 - 2/15 **PreFVAWT: Preliminary Tool**   Lyngby, Denmark
Design and development of a Preliminary Tool, with graphical user interface, for simulating aerodynamics and the motions of Floating Vertical Axis Wind Turbines using MATLAB.

08/13 - 9/13 **Project in Wind Energy Integration in Greenland**   Nuuk, Greenland
A wind farm planing was conducted, including wind resource estimation, integration of wind power to the current grid and risk analysis as well as Environmental Impact Assessment (EIA).