George Giannoulopoulos

Personal Information

Date of birth: 14/12/1986
Marital status: Single
Army obligations: Completed
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Education

- MSc Big Data & Analytics
  Department of Digital Systems, University of Piraeus

- ReactJS Fundamentals
  Workshop organized by the Social Nerds group

- Python for Big Data Analytics and Machine Learning
  Τριήμερο Workshop, MLTrain at the Hellenic
  American College

- Applied Data Science with Python Specialization University of
  Michigan (Coursera)

- Machine Learning(Andrew Ng)

University of Stanford (Coursera)

- 2nd Biophotonics and Molecular Imaging Summer
  School, 27 – 31 / July/ 2015,
  Foundation for Research and Technology (FoRTH),
  University of Crete

- Bachelor's degree from the Physics department of the
  University of Crete

Work Experience

- **04/2019 to today**
  Responsibilities: SPA Developer(ReactJs, Bootstrap
  ,Spring boot, Sass), Machine learning Engineer
  (Python modules)
  Employer: Konnektable

- **09/2018 to 01/2019**
  Responsibilities: Machine learning researcher.
  Feature extraction from dermoscopic images in order
  to classify skin lesions through deep learning and
  other machine learning techniques.
  Employer: University of Piraeus(Transition Project)

- **05/2017 to 11/2018**
  Responsibilities: Opencart eshop website
  administrator, Google Adwords-Analytics, Social
  media marketing
  Employer: www.mato.gr

- **06/2017 to 04/2018**
  Responsibilities: NopCommerce eshop website
  administrator, Google Adwords-Analytics, Social
  media marketing
  Employer: www.e-korona.gr

- **09/2010 to 03/2018**
  Responsibilities: Physics/Mathematics/Chemistry
  private teacher to AEI/TEI/Lyceum/Gymnasium
  students

- **05/2015 to 09/2015**
  Responsibilities: Developer of Hybrid intravital
  microscopic and tomographic imaging system
  Employer: Internship at FoRTH (Foundation for
  research and technology- Hellas)

- **09/2006 to 01/2012**
  Responsibilities: Webmaster at numerous websites
  of various topics

Computer Skills

- **Program Languages:**
  Very good mastery: Javascript(ES6), Python
  Good mastery: Java, SQL, R, MATLAB, C

- **Data Science Software:**
  Anaconda, Keras-Tensorflow Frameworks,
  Weka,
  Rapidminer, RStudio, Tableau,
  Apache Spark, Apache Hadoop, Gephi

- **Web Development**
  (ReactJS, React Native, SASS, HTML5,
  Wordpress, Joomla,
  Opencart, WooCommerce)

- Adobe Suite
  (Photoshop, After Effects)

- Microsoft Office

Languages

- Greek: Native
- English: Certificate of Proficiency in English, University of Michigan
- English: IELTS Academic Module (Score: 7.5/ 9) - February 2017
- German: Zertifikat B1, Goethe Institut

Projects

- Sound classification as a feature of a health monitoring system
- Distributed Hot Spot Analysis over Big Spatio-temporal Data using Apache Spark
- Graph clustering & community detection on Facebook egonets
- Geo-spatial analytics, Location-allocation
- Timeseries Analysis

- Photoacoustic microscopy
- Non-linear microscopy
- Confocal laser scanning microscopy applications
- Multispectral imaging technics
- Selective laser sintering technics
- Thin film construction with a laser
- Nanostructured materials and applications
- Optical tomography

Other Skills

Driver license: class B

Interests/Hobbies

Free diving, computer science, cinema, travelling, music
etc