PERSONAL INFORMATION

David Parastatidis

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WORK EXPERIENCE

06 / 2020 – Present

Full time Cloud Applications Developer / Research Assistant
Remote Sensing Lab - Foundation for Research and Technology Hellas

- Creating new web applications and methods to produce geospatial products using cloud platforms mainly focused on the thermal infrared data
- Working with cloud geospatial platforms like Google Earth Engine, Google Earth and Google Maps
- Maintaining and managing several web applications produced by the Lab
- Providing IT support to Lab's applications users
- Remote sensing data analysis locally and on the cloud
- Collaborating with co-workers and providing insight in several projects that require computer science background knowledge
- Creating, extending and maintaining the websites for the Lab's projects such as the Horizon 2020 CURE and ERC *urbisphere*

07 / 2019 – 02 / 2020

Contract as Cloud Applications Developer / Advisor
Horizon 2020 - European research program EOValue

- Creating a cloud-based application for the project, focused on detection and monitoring of Natured-Based solutions through satellite data
- Presentation of the application at JRC in Ispra

07 / 2019 – 12 / 2019

Contract as Cloud Applications Developer
Airbus - call for projects utilizing their latest cloud infrastructure, Living Library

- Creating new web applications and methods to produce geospatial products using cloud platforms, focused on detection and monitoring of Natured-Based solutions
- Creating case studies

01 / 2018 – 11 / 2019	**Full time Cloud Applications Developer / Research Assistant**

Remote Sensing Lab - Foundation for Research and Technology Hellas

- Creating new web applications and methods to produce geospatial products using cloud platforms mainly focused on the thermal infrared data
- Working with cloud geospatial platforms like Google Earth Engine, Google Earth and Google Maps
- Maintaining and managing several web applications produced by the Lab
- Providing IT support to Lab's applications users
- Remote sensing data analysis locally and on the cloud
- Collaborating with co-workers and providing insight in several projects that require computer science background knowledge
- Creating, extending and maintaining the Lab's project websites
- Hosting webinars and video editing for the Horizon 2020 project Think Nature

09 / 2016 – 01 / 2018	**Scholarship Cloud Applications Developer / Research Assistant**

Remote Sensing Lab - Foundation for Research and Technology Hellas

- Working for the Bachelor's thesis
- Creating new web applications to produce geospatial products for users using cloud platforms focused on thermal infrared.
- Working with geospatial platforms like Google Earth Engine, Google Earth and Google Maps
- Researching and publishing materials related to cloud computing and geospatial data

EDUCATION AND TRAINING

09 / 2011 – 07 / 2017	**Bachelor of Science (B.Sc.) in Computer Science**

University of Crete, Heraklion (Greece)

- Upper Second-Class Honours (2:1)
- Bachelor Thesis "Online Global Estimation of Land Surface Temperature with Landsat 5" Grade: 9.5/10

PERSONAL SKILLS

Languages Greek (Native), English (C2), German (A2)

Skills
- Google Earth Engine API,
- Google Maps API
- DIAS (Data and Information Access Services)
- QGIS, ENVI
- HTML, CSS, Bootstrap, JavaScript
- Python
- MATLAB
- C, C++, Java

Communication skills	▪ Communication skills gained through answering and managing a support mailing lists. Tasks included communicating with users from all around the world, understanding the issues at hand and providing solutions ▪ Communication skills gained from participating in several conferences, presentations, hands-on workshops etc. ▪ Team-Working skills gained through working in a team-oriented lab as well as being part of academic group projects and hackathons

ADDITIONAL INFORMATION

Publications	Parastatidis, D.; Mitraka, Z.; Chrysoulakis, N.; Abrams, M. Online Global Land Surface Temperature Estimation from Landsat. Remote Sens. 2017, 9, 1208. https://www.mdpi.com/2072-4292/9/12/1208.
Presentations	▪ Workshop on Computational Intelligence in Remote Sensing and Astrophysics 2019, Heraklion Presentation title: Large-scale processing of remote sensing big data ▪ Living Planet 2019, Milan Poster Session: Online Global Land Surface Temperature Estimation from Landsat ▪ EGU 2019, Vienna Poster Session: Online Global Land Surface Temperature Estimation from Landsat ▪ Google Earth Engine User Summit 2018, Dublin Presentation title: "Google Earth Engine application for global Land Surface Temperature from Landsat" ▪ 38th Annual EARSeL Symposium, Chania. Presentation title: "Online Global Land Surface Temperature Estimation from Landsat" ▪ European researches night 2018, Heraklion. Presentation title: "Online Global Land Surface Temperature Estimation from Landsat" Presentation title: "CO_2 emissions in the centre of Heraklion" Presentation title: "Capturing the Land Surface Temperature in the city of Heraklion with drones" ▪ European researches night 2017, Heraklion. Presentation title: "Online Global Land Surface Temperature Estimation from Landsat" Presentation title: "CO_2 emissions in the centre of Heraklion" ▪ ECOPOTENTIAL general meeting 2017, Heraklion Presentation tittle: "Global Surface Albedo and Land Surface Temperature in Google Earth Engine"