



## Stylianos Roumpakis

📍 Heraklion, Crete, Greece

☎ +30 96496 93511

✉ roub@ics.forth.gr

Born 28 September 1994

### WORK EXPERIENCE

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*Mar 2018 – present*

#### Software Developer Engineer

Foundation for Research Technology - Hellas (FORTH)

*Sep 2017 – Nov 2017*

#### Undergraduate Research Assistant

Foundation for Research Technology - Hellas (FORTH)

### EDUCATION

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*2012 – 2017*

#### Computer Science

From University of Crete (UoC)

### CERTIFICATIONS

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*Mar 2020*

#### IBM Data Science

- Data Science Methodology, Python, SQL, Data Visualization and Analysis, Machine Learning Models

*Apr 2017*

#### Cisco Certified Network Associate (CCNA) Routing Switching

- Implement VLANs, static routing and RIPv2, DHCP on router, NAT, ACLs, RSTP, HSRP

### Technical skills

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#### Programming Languages

- MATLAB
- Python
- Java
- C/C++
- HTML
- CSS
- Javascript

#### Frameworks

- Bootstrap

#### Databases

- SQL
- PostgreSQL

#### Technologies worked with

- Github

### Projects

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*Mar 2018 – present*

#### SmartWater2020

- SmartWater2020 link
- role: Data Analysis, Missing Value Reconstruction, Tensor Completion, Extreme Event Detection, Uncertainty Evaluation, Correlation Monitoring, System Integration, Data Visualization, Software Development
- Python, Java, MATLAB SQL, html, CSS, Javascript, Grafana

*Sep 2017 – Feb 2017*

#### Heraklion Smart City

- Heraklion Smart City link
- role: Data Analysis, Missing Value Reconstruction, Tensor Completion, Extreme Event Detection, Uncertainty Evaluation, Correlation Monitoring, System Integration, Software Development
- Java, MATLAB, SQL

## PUBLICATIONS

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- 2019 **Real-Time Prototyping of Matlab-Java Code Integration for Water Sensor Networks Applications**  
Stylianios Roumpakis, George Tzagkarakis, Panagiotis Tsakalides
- 2017 **Building a Smart City Ecosystem for Third Party Innovation in the City of Heraklion**  
Manos Kalaitzakis, Manousos Bouloukakis, Pavlos Charalampidis, Manos Dimitrakis, Giannis Drossis, Alexandros Fragkiadakis, Irini Fundulaki, Katerina Karagiannaki, Antonis Makrogiannakis, Georgios Margetis, Athanasia Panousopoulou, Stefanos Papadakis, Vassilis Papakonstantinou, Nikolaos Partarakis, Stylianios Roubakis, Elias Tragos, Elisjana Ymeralli, Panagiotis Tsakalides, Dimitris Plexousakis and Constantine Stephanidis