# **DRITAN KODRA**

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Tsimiski 69, P.C. 54622

Thessaloniki, Greece

# **EXPERIENCE**

#### Postdoctoral Researcher - Bioinformatician

#### Aristotle University of Thessaloniki - Department of Chemistry

Mov 2019 - Ongoing

▼ Thessaloniki, Greece

- Development of tools for meta—analysis of metabolite identification data published on a variety of academic journals.
- Development of databases of chemical compounds in Greek foods from published data utilizing web scraping tools such as Selenium and BeautifulSoup.
- Development and deployment of dash web applications with Plotly Dash and Heroku.
- Development of Machine Learning models for Retention Time predictions of metabolites with Python.

# Senior Data Analyst - Project Manager

### To The point

September 2018 - Ongoing

↑ Thessaloniki, Greece

- Design, implementation and supervision of Market Research and Public Opinion Surveys.
- Data analysis on Market Research and Public Opinion Surveys utilizing various statistical tools.
- Development of in-house tools of automation for data analysis and data representation with Python.

#### Research Assistant

#### **University of Pittsburgh**

m June 2014 - April 2018

Pittsburgh, PA, USA

- Data cleaning and homogenization of inhomogeneous datasets from different sources.
- Data simulation for study of biases and systematic errors on astronomical data.
- Design and implementation of statistical models for error reduction of astronomical data from galaxy surveys.

# **EDUCATION**

### Ph.D. & M.Sc. in Physics & Astronomy

#### **University of Pittsburgh**

**2012 - 2018** 

Pittsburgh, PA, USA

- GPA 3.644 / 4.0
- Thesis: The Galaxy Morphology-Density Relation at High Redshift with CANDELS

### M.Sc. in Computational Physics

#### **Aristotle University of Thessaloniki**

**2010 - 2012** 

- GPA 9.00 / 10.00
- Thesis: Cosmological Perturbations with non-ideal fluids

## B.Sc. in Physics

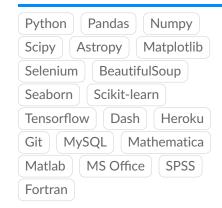
#### **Aristotle University of Thessaloniki**

**2000 - 2010** 

↑ Thessaloniki

• GPA 7.88 / 10.00

# **SKILLS**



# **LANGUAGES**

Greek
English