Paris Koloveas

Data Science Researcher, ML Engineer, Data Engineer

Email: pkoloveas@uop.gr	**GitHub**: github.com/pariskoloveas	**Residence**: Athens, GR
Phone: *TBF*	**LinkedIn**: linkedin.com/in/pkoloveas	**Citizenship**: Greek

Research interests

Natural Language Processing, Language Models, Deep Learning, Machine Learning, Data Mining, Information Retrieval, Information Extraction, Data Visualisation

Education

University of the Peloponnese & Athena RC   Athens-Tripolis, GR
PhD in Data Science   Apr 2021 – Present
Supervisors: Assoc. Prof. C. Tryfonopoulos & Thanasis Vergoulis

NCSR Demokritos & University of the Peloponnese   Athens, GR
MSc in Data Science   Oct 2019 – Feb 2021
Supervisor: Assoc. Prof. C. Tryfonopoulos   *GPA:* 9.29/10 *(Expected)*

University of the Peloponnese   Tripolis, GR
BSc in Informatics & Telecommunications   Oct 2014 – Sep 2019
Supervisor: Assoc. Prof. C. Tryfonopoulos   *GPA:* 7.32/10

Research experience

Software and Database Systems Laboratory (SoDa Lab),   Tripolis, Greece
Dept. of Informatics & Telecommunications,   Mar 2018 – Present
University of the Peloponnese
Role: Research Assistant, Research Software Engineer
Supervisor: Assoc. Prof. C. Tryfonopoulos
Responsibilities:

1. Participation in Research Projects with the main goal of the research, development, documentation and deployment of complete software solutions, as well as, the authorship of technical reports and research papers.
2. Assistance in the evaluation of conference submissions at:
   ICTAI 2019, **ICTAI 2020**, **CIKM 2020**, **ICTAI 2021**, **CIKM 2021**
3. Examination of assignments for undergraduate courses:
   Programming II, **Data Structures**

Industry experience

Mathema SRL   Florence, IT
Role: Software Development Intern   Jul 2019 – Oct 2019
Responsibilities: Research and development of VR "Control Room" for real-time Information Visualization and Interaction with Unity3D & Oculus SDK.

Research projects

ENIRISST+: Extension of Intelligent Research Infrastructure for Shipping, Supply chain, Transport and Logistics.
Funding: NSRF - Operational Programme Competitiveness, Entrepreneurship and Innovation.

CYBER-TRUST: Advanced Cyber-Threat Intelligence, Detection, and Mitigation Platform for a Trusted Internet of Things.
Funding: Horizon 2020 (EU)   Jul 2018 – Sep 2021
Grant Agreement: No. 786698

FORESIGHT: Advanced cyber-security simulation platform for preparedness training in Aviation, Power-grid and Naval environments.

Funding: Horizon 2020 (EU)   Oct 2019 – May 2021
Grant Agreement: No. 833673

Talks and tutorials   **ConSce Simulation**   Regensburg, DE
                         OTH Regensburg, MSc in European Business Administration   29–31 Oct 2020

Dissertations   **Web content harvesting and classification for Cyber-Threat Intelligence discovery.**
                         Bachelor's Thesis, 2019   *Grade*: 10/10

                         A machine learning framework for gathering and leveraging web data to Cyber-Threat Intelligence.
                         Master's Thesis, 2021   *Grade*: 10/10

Publications   **inTIME: A Machine Learning-Based Framework for Gathering and Leveraging Web Data to Cyber-Threat Intelligence**
                         P. Koloveas, T. Chantzios, S. Alevizopoulou, C. Tryfonopoulos, and S. Skiadopoulos.
                         MDPI Electronics, Special issue on "Advances on Networks and Cyber Security", March 2021.

                         A crawler for harvesting the clear, social, and dark web for IoT-related Cyber-Threat Intelligence
                         P. Koloveas, T. Chantzios, C. Tryfonopoulos, and S. Skiadopoulos.
                         In the IEEE Workshop on Cyber Security & Resilience in the Internet of Things (CSRIoT@IEEE Services), Milan, Italy, July 2019.

                         Social Media Monitoring for IoT Cyber-Threats
                         S. Alevizopoulou, P. Koloveas, C. Tryfonopoulos, P. Raftopoulou.
                         In the Workshop on Data Science for Cyber Security (DS4CS @ IEEE CSR), Rhodes, Greece, July 2021.

                         The quest for the appropriate Cyber-Threat Intelligence sharing platform
                         T. Chantzios, P. Koloveas, S. Skiadopoulos, N. Kolokotronis, C. Tryfonopoulos, V. Bilali, and D. Kavallieros.
                         In the 8th International Conference on Data Science, Technology and Applications (DATA), Prague, Czech Republic, July 2019.

Technical skills   **PROGRAMMING**
                         Proficient in: Python, Java, C, UNIX Shell Scripting
                         Familiar with: R, C#, JavaScript *(ES6, ReactJS)*, MATLAB, PHP

                         DATA MANAGEMENT TECHNOLOGIES
                         MongoDB, ElasticSearch, Hadoop/HDFS, PostgreSQL, MySQL

                         OTHER
                         Docker, Git, SVN, LaTeX, Microsoft Office *(Word, Excel, PowerPoint)*

Languages	**Greek** – Native Speaker	
	English – Full Professional Proficiency *(CEFR level C2)* Michigan Certificate of Proficiency in English	
	French – Elementary Proficiency *(CEFR level B2)* Diplôme d'Etudes en Langue Française DELF B2	
Volunteer work	**CERN exhibition: "Accelerating Science"** Volunteer tour guide	Tripolis, GR 4–12 Oct 2015