

Paris Koloveas

Data Science Researcher, ML Engineer, Data Engineer

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Residence: Athens, GR

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
	<i>Supervisors:</i> Assoc. Prof. C. Tryfonopoulos & Dr. T. Vergoulis	
	NCSR Demokritos & University of the Peloponnese	Athens, GR
	MSc in Data Science	Oct 2019 – Feb 2021
	<i>Supervisor:</i> Assoc. Prof. C. Tryfonopoulos	GPA: 9.29/10 (<i>Expected</i>)
	University of the Peloponnese	Tripolis, GR
	BSc in Informatics & Telecommunications	Oct 2014 – Sep 2019
Research experience	<i>Supervisor:</i> Assoc. Prof. C. Tryfonopoulos	GPA: 7.32/10
	Software and Database Systems Laboratory (SoDa Lab), Dept. of Informatics & Telecommunications, University of the Peloponnese	Tripolis, Greece
	<i>Role:</i> Research Assistant, Research Software Engineer	Mar 2018 – Present
	<i>Supervisor:</i> Assoc. Prof. C. Tryfonopoulos	
	<i>Responsibilities:</i>	
	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
	<i>Role:</i> Software Development Intern	Jul 2019 – Oct 2019
	<i>Responsibilities:</i> 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.	
	<i>Funding:</i> NSRF - Operational Programme Competitiveness, Entrepreneurship and Innovation.	
	CYBER-TRUST: Advanced Cyber-Threat Intelligence, Detection, and Mitigation Platform for a Trusted Internet of Things.	
	<i>Funding:</i> Horizon 2020 (EU)	Jul 2018 – Sep 2021
<i>Grant Agreement:</i> 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