

# Paris Koloveas

Data Science Researcher, Data Engineer, Software Engineer

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**Email:** [pkoloveas@uop.gr](mailto:pkoloveas@uop.gr)

**Phone:** +30 6943898544

**GitHub:** [github.com/pariskoloveas](https://github.com/pariskoloveas)

**LinkedIn:** [linkedin.com/in/pkoloveas](https://www.linkedin.com/in/pkoloveas)

**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	<b>University of the Peloponnese &amp; Athena RC</b>	Tripolis, Greece
	PhD in Data Science	Apr 2021 – Present
	<i>Supervisors:</i> Assoc. Prof. C. Tryfonopoulos & Thanasis Vergoulis	
	<b>NCSR Demokritos &amp; University of the Peloponnese</b>	Athens, Greece
	MSc in Data Science	Oct 2019 – Feb 2021
	<i>Supervisor:</i> Assoc. Prof. C. Tryfonopoulos	GPA: 9.29/10 ( <i>Expected</i> )
	<b>University of the Peloponnese</b>	Tripolis, Greece
	BSc in Informatics & Telecommunications	Oct 2014 – Sep 2019
	<i>Supervisor:</i> Assoc. Prof. C. Tryfonopoulos	GPA: 7.32/10
Research experience	<b>Software and Database Systems Laboratory (SoDa Lab), Dept. of Informatics &amp; Telecommunications, University of the Peloponnese</b>	Tripolis, Greece Mar 2018 – Present
	<i>Role:</i> Research Assistant, Research Software Engineer	
	<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: <b>ICTAI 2019, ICTAI 2020, CIKM 2020</b>	
	3. Examination of assignments for undergraduate courses: <b>Programming II, Data Structures</b>	
Industry experience	<b>Mathema SRL</b>	Florence, Italy
	<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	<b>CYBER-TRUST: Advanced Cyber-Threat Intelligence, Detection, and Mitigation Platform for a Trusted Internet of Things.</b>	
	<i>Funding:</i> Horizon 2020 (EU)	Jul 2018 – Present
	<i>Grant Agreement:</i> <a href="#">No. 786698</a>	
	<b>FORESIGHT: Advanced cyber-security simulation platform for preparedness training in Aviation, Power-grid and Naval environments.</b>	
	<i>Funding:</i> Horizon 2020 (EU)	Oct 2019 – Present
	<i>Grant Agreement:</i> <a href="#">No. 833673</a>	

Talks and tutorials	<b>ConSce Simulation</b> OTH Regensburg, MSc in European Business Administration	Regensburg, Germany 29–31 Oct 2020
Dissertations	<b>Web content harvesting and classification for Cyber-Threat Intelligence discovery.</b> <i>Bachelor's Thesis, 2019</i>  <b>A machine learning framework for gathering and leveraging web data to Cyber-Threat Intelligence.</b> <i>Master's Thesis, 2021</i>	<i>Grade: 10/10</i>  <i>Grade: 10/10</i>
Publications	<b>inTIME: A Machine Learning-Based Framework for Gathering and Leveraging Web Data to Cyber-Threat Intelligence</b> P. Koloveas, T. Chantzios, S. Alevizopoulou, C. Tryfonopoulos, and S. Skiadopoulos. <i>MDPI Electronics, Special issue on “Advances on Networks and Cyber Security”, March 2021.</i>  <b>A crawler for harvesting the clear, social, and dark web for IoT-related Cyber-Threat Intelligence</b> P. Koloveas, T. Chantzios, C. Tryfonopoulos, and S. Skiadopoulos. <i>In Proceedings of the IEEE Workshop on Cyber Security &amp; Resilience in the Internet of Things (CSRIoT@IEEE Services), Milan, Italy, July 2019.</i>  <b>The quest for the appropriate Cyber-Threat Intelligence sharing platform.</b> T. Chantzios, P. Koloveas, S. Skiadopoulos, N. Kolokotronis, C. Tryfonopoulos, V. Bilali, and D. Kavallieros. <i>In Proceedings of the 8th International Conference on Data Science, Technology and Applications (DATA), Prague, Czech Republic, July 2019.</i>	
Technical skills	<b>PROGRAMMING</b> <i>Proficient in:</i> Python, JavaScript (ES6, ReactJS), Java, C, UNIX Shell Scripting <i>Familiar with:</i> R, C#, MATLAB, PHP  <b>DATA MANAGEMENT TECHNOLOGIES</b> MongoDB, ElasticSearch, Hadoop/HDFS, PostgreSQL, MySQL  <b>OTHER</b> Docker, Git, SVN, LaTeX, Microsoft Office ( <i>Word, Excel, PowerPoint</i> )	
Languages	<b>Greek</b> – Native Speaker  <b>English</b> – Full Professional Proficiency ( <i>CEFR level C2</i> ) Michigan Certificate of Proficiency in English  <b>French</b> – Elementary Proficiency ( <i>CEFR level B2</i> ) Diplôme d'Etudes en Langue Française DELF B2	
Volunteer work	<b>CERN exhibition: “Accelerating Science”</b> Volunteer tour guide	Tripolis, Greece 4–12 Oct 2015