

Paris Koloveas

Data Science Researcher, Data Engineer, Software Engineer

Updated February 5, 2021

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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

NCSR Demokritos & University of the Peloponnese

MSc in Data Science

Supervisor: Assoc. Prof. C. Tryfonopoulos

Athens, Greece

Oct 2019 – Feb 2021

GPA: 9.29/10 (*Expected*)

University of the Peloponnese

BSc in Informatics & Telecommunications

Supervisor: Assoc. Prof. C. Tryfonopoulos

Tripolis, Greece

Oct 2014 – Sep 2019

GPA: 7.32/10

Research experience

Software and Database Systems Laboratory (SoDa Lab),

Dept. of Informatics & Telecommunications,

University of the Peloponnese

Role: Research Assistant

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:
CIKM 2020, ICTAI 2020
3. Examination of assignments for undergraduate courses:
Programming II, Data Structures

Tripolis, Greece

Mar 2018 – Present

Industry experience

Mathema SRL

Role: Software Development Intern

Responsibilities: Research and Development of VR “Control Room” for real-time Information Visualization and Interaction with Unity3D & Oculus SDK.

Florence, Italy

Jul 2019 – Oct 2019

Research projects

CYBER-TRUST: Advanced Cyber-Threat Intelligence, Detection, and Mitigation Platform for a Trusted Internet of Things.

Funding: Horizon 2020 (EU, Grant Agreement: [No. 786698](#))

Jul 2018 – Present

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

Funding: Horizon 2020 (EU, Grant Agreement: [No. 833673](#))

Oct 2019 – Present

Talks and tutorials

ConSce Simulation

OTH Regensburg, MSc in European Business Administration

Regensburg, Germany

29–31 Oct 2020

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|------------------|--|-----------------------------------|
| Dissertations | Web content harvesting and classification for Cyber-Threat Intelligence discovery. <i>Bachelor's Thesis, 2019</i> | <i>Grade: 10/10</i> |
| | A machine learning framework for gathering and leveraging web data to Cyber-Threat Intelligence. <i>Master's Thesis, 2021</i> | <i>Grade: Defense Pending</i> |
| Publications | 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. <i>In Proceedings of the IEEE Workshop on Cyber Security & Resilience in the Internet of Things (CSRIoT@IEEE Services), Milan, Italy, July 2019.</i> | |
| | 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. <i>In Proceedings of the 8th International Conference on Data Science, Technology and Applications (DATA), Prague, Czech Republic, July 2019.</i> | |
| Technical skills | PROGRAMMING <i>Proficient in:</i> Python, JavaScript (<i>ES6, ReactJS</i>), Java, C, UNIX Shell Scripting <i>Familiar with:</i> R, C#, MATLAB, PHP | |
| | DATA MANAGEMENT TECHNOLOGIES MongoDB, ElasticSearch, Hadoop/HDFS, PostgreSQL, MySQL | |
| | OTHER Docker, Git, SVN, LaTeX, Microsoft Office (<i>Word, Excel, PowerPoint</i>) | |
| Languages | Greek – Native Speaker | |
| | English – Full Professional Proficiency (<i>CEFR level C2</i>) Michigan Certificate of Proficiency in English | |
| | French – Elementary Proficiency (<i>CEFR level B2</i>) Diplôme d'Etudes en Langue Française DELF B2 | |
| Volunteer work | CERN exhibition: “Accelerating Science” Volunteer tour guide | Tripolis, Greece 4–12 Oct 2015 |