Anna Karanika

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Personal e-mail: annakaranika@gmail.com

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RESEARCH INTERESTS

Distributed Systems, Edge Computing, Internet of Things, Cloud Computing, Software Engineering

EDUCATION

University of Illinois at Urbana Champaign (UIUC)

Aug 2020 – Present

Ph.D. in Computer Science

Advised by Professor Indranil Gupta

University of Thessaly (UTh)

Oct 2019 - Jun 2020

M.Sc. in Computer Science

Advised by Professor Kostas Kolomvatsos

University of Thessaly (UTh)

Sep 2014 – Jun 2019

Diploma~(B.Eng.+M.Eng.)~in~Electrical~and~Computer~Engineering

Advised by Professor Kostas Kolomvatsos

PUBLICATIONS

Anna Karanika, Ioannis Filippopoulos, Angelika Kokkinaki, Panagiotis Efstathiadis, Ioannis Tsilikas, Yiannis Kiouvrekis. "Extensive Use of RFID in Shipping." EMCIS 2020. [doi] [pdf]

Anna Karanika, Panagiotis Oikonomou, Kostas Kolomvatsos, Christos Anagnostopoulos. "An Ensemble Interpretable Machine Learning Scheme for Securing Data Quality at the Edge." CD-MAKE 2020. [doi]

Anna Karanika, Panagiotis Oikonomou, Kostas Kolomvatsos, Thanasis Loukopoulos. "A Demanddriven, Proactive Tasks Management Model at the Edge." FUZZ-IEEE 2020. [doi]

Anna Karanika, Madalena Soula, Christos Anagnostopoulos, Kostas Kolomvatsos, George Stamoulis. "Optimized Analytics Query Allocation at the Edge of the Network." ICDS 2019 [doi]

INDUSTRIAL EXPERIENCE

APOSTOLAKIS Engineering

Jul 2017 – Aug 2017

PLC Programmer and SCADA Designer, Intern

TEACHING EXPERIENCE

Introduction to Programming (UTh) **Electrical and Mechanical Engineering Design** (UTh)

Fall 2019 Spring 2018

SKILLS

Expert C, Python, Java

Intermediate Git, SQL, OpenMP, CUDA, C++, R, HTML, CSS, MATLAB, Keras

Familiar Go, JavaScript, Scala, MPI, TensorFlow

LANGUAGES

Greek – Native **English** – Fluent **French** – Basic

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