

ANNA KARANIKA

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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) Ph.D. in Computer Science Advised by Professor Indranil Gupta	Aug 2020 – Present
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University of Thessaly (UTh) M.Sc. in Computer Science Advised by Professor Kostas Kolomvatsos	Oct 2019 – Jun 2020
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University of Thessaly (UTh) Diploma (B.Eng. + M.Eng.) in Electrical and Computer Engineering Advised by Professor Kostas Kolomvatsos	Sep 2014 – Jun 2019
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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 Demand-driven, 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 PLC Programmer and SCADA Designer, Intern	Jul 2017 – Aug 2017
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TEACHING EXPERIENCE

Introduction to Programming (UTh)

Fall 2019

Electrical and Mechanical Engineering Design (UTh)

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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