

DIMITRA GIANTSIDI

(+30) 697 895 574 · dimitra.giantsidi@gmail.com
Informatics Forum 1.05, University of Edinburgh
10 Crichton Street, EH8 9AB, Edinburgh, United Kingdom

EDUCATION

University of Edinburgh, UK <i>PhD in Informatics (ICSA): Distributed systems, systems security, replication protocols</i> · Sponsors: Microsoft Research, UK Rise · Advisor: Pramod Bhatotia	Sept 2019 - present
University of Edinburgh, UK <i>MSc in Computer Science: Software engineering, computer systems & high-performance computing</i> · Thesis: <i>Rollback-Resilient Transaction Protocols using Trusted Counters</i> · Advisor: Pramod Bhatotia	Sept 2018 - Aug 2019
National Technical University of Athens (NTUA), Greece <i>Diploma (5-year joint degree, BEng and MEng) in Electrical & Computer Engineering</i> · Thesis: <i>Improving QoS in modern multi-core servers with Dynamic Cache Partitioning</i> · Advisor: Georgios Goumas	Sept 2012 - Feb 2018

PUBLICATIONS

Anchor: Secure Persistent Memory Architecture , SIGMOD’24 Dimitris Stravakakis, Dimitra Giantsidi, Maurice Bailleu, Philip Saendig, Shady Issa, Pramod Bhatotia.	
FlexLog: A Shared Log for Stateful Serverless Computing , ACM HPDC’23 Dimitra Giantsidi, Emmanouil Giortamis, Nathaniel Tornow, Florin Dinu, Pramod Bhatotia.	
Treaty: Secure Distributed Transactions , IEEE/IFIP DSN’22 (Best paper nominee) Dimitra Giantsidi, Maurice Bailleu, Natacha Crooks, Pramod Bhatotia.	
Avocado: A Secure In-Memory Distributed Storage System , USENIX ATC’21 Maurice Bailleu, Dimitra Giantsidi, Vasilis Gavrielatos, Le Quoc Do, Vijay Nagarajan, Pramod Bhatotia.	
DICER: Diligent Cache Partitioning for Efficient Workload Consolidation , ICPP’21 Konstantinos Nikas, Nikela Papadopoulou, Dimitra Giantsidi, Vasileios Karakostas, Georgios I Goumas, Nectarios Koziris.	

PROFESSIONAL EXPERIENCE

ICSA, University of Edinburgh, UK <i>Research Assistant</i> Research on robust replication protocols	June 2023 - now
Condidential Computing Group, Microsoft Research, Cambridge, UK <i>Research Scientist Intern</i> Research on timing-attacks resilient KV stores	Sept 2021 - Dec 2021
Cloud RnD, Intracom Telecom, Athens, Greece <i>Software & Systems Engineer</i> Research on performance and energy optimization of NFV services	Jul 2017 - Jul 2018

RESEARCH EXPERIENCE

Teaching Assistant at the Unversity of Edinburgh, UK · Courses: Operating Systems, Extreme Computing, Parallel Architectures, Object-oriented Programming	Sept 2019 - present
Teaching Assistant and Course Organizer at TUM, Germany · Courses: Cloud Lab, Systems Programming in C/Rust	Sept 2021 - present
Thesis supervisor at TUM, Germany · Supervised three BSc students on their BSc Thesis on Distributed and Networking systems	Sept 2021 - present

HONORS AND AWARDS

PhD scholarship , Microsoft Research	2019
Claire Jones Prize , Adelard Prize for Best Performing Female MSc Student at the University of Edinburgh	2019
Highest Honors award Top 0.1% in national qualification exams, GPA: 19.6/20	2012

PROFILES

Personal site <https://dgiantsidi.github.io/>