

# DIMITRA GIANTSIDI

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Informatics Forum 1.05, University of Edinburgh  
10 Crichton Street, EH8 9AB, Edinburgh, United Kingdom

## EDUCATION

<b>University of Edinburgh, UK</b> <i>PhD in Informatics (ICSA): Distributed systems, systems security, replication protocols</i> · Sponsors: Microsoft Research, UK Rise · Advisor: Pramod Bhatotia	Sept 2019 - present
<b>University of Edinburgh, UK</b> <i>MSc in Computer Science: Software engineering, computer systems &amp; high-performance computing</i> · Thesis: <i>Rollback-Resilient Transaction Protocols using Trusted Counters</i> · Advisor: Pramod Bhatotia	Sept 2018 - Aug 2019
<b>National Technical University of Athens (NTUA), Greece</b> <i>Diploma (5-year joint degree, BEng and MEng) in Electrical &amp; 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

<b>Treaty: Secure Distributed Transactions</b> , IEEE/IFIP DSN'22 (Best paper nominee) Dimitra Giantsidi, Maurice Bailleu, Natacha Crooks, Pramod Bhatotia.	
<b>Avocado: A Secure In-Memory Distributed Storage System</b> , USENIX ATC'21 Maurice Bailleu, Dimitra Giantsidi, Vasilis Gavrielatos, Le Quoc Do, Vijay Nagarajan, Pramod Bhatotia.	
<b>DICER: Diligent Cache Partitioning for Efficient Workload Consolidation</b> , ICPP'21 Konstantinos Nikas, Nikela Papadopoulou, Dimitra Giantsidi, Vasileios Karakostas, Georgios I Goumas, Nectarios Koziris.	

## PROFESSIONAL EXPERIENCE

<b>Condidential Computing Group, Microsoft Research, Cambridge, UK</b> <i>Research Scientist Intern</i> Research on timing-attacks resilient KV stores	Sept 2021 - Dec 2021
<b>Cloud RnD, Intracom Telecom, Athens, Greece</b> <i>Software &amp; Systems Engineer</i> Research on performance and energy optimization of NFV services	Jul 2017 - Jul 2018

## RESEARCH EXPERIENCE

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

## HONORS AND AWARDS

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

## PROFILES

<b>Personal site</b>	<a href="https://dgiantsidi.github.io/">https://dgiantsidi.github.io/</a>
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