

# Andria Trigeorgi

✉ an.trigeorgi@gmail.com

## Education

**Ph.D Candidate in Computer Science**, *University of Cyprus*, Nicosia, **2020–present**

**Master of Computer Science**, *University of Cyprus*, Nicosia, **2016–2018**  
Grade 8.64.

**Bachelor of Computer Science**, *University of Cyprus*, Nicosia, **2012–2016**  
Grade 7.97.

### Ph.D thesis

**goal:** *Build a dynamic DSS for highly concurrent and strongly consistent file sharing.*

**supervisor:** Chryssis Georgiou

### Master thesis

**title:** *Data mining from psychophysiological data and comparative evaluation of machine learning algorithms*, Grade 10.

**supervisor:** Chryssis Georgiou

### Bachelor thesis

**title:** *A Study of Machine and Deep Learning Methods and their Application on Psychophysiological Markers in Stress Coping*, Grade 10.

**supervisor:** Chryssis Georgiou

## Work Experience

**Special Scientist for the needs of the Research Program "Ma(R)S"**, *Algolysis Ltd*, Limassol. **Oct 2023 – Sept 2025**

I participate in the development and implementation of the algorithm and the experimental evaluation. Also, I am the Project Coordinator.

**Special Scientist for the needs of the Research Program "Charisma"**, *Algolysis Ltd*, Limassol. **June 2023 – Aug 2023**

I participate in the development and implementation of the algorithm and the experimental evaluation.

**Special Scientist for the needs of the Research Program "ARES"**, *Algolysis Ltd*, Limassol. **March 2022 – July 2022**

I participate in the development and implementation of algorithms and experimental evaluation of these.

**Special Scientist for the needs of the Research Program "AM-NVE"**, *Algolysis Ltd*, Limassol. Oct 2021–Nov 2021

I devise and run several experimental scenarios to test various performance metrics of the PoC implementation.

**Special Scientist for the needs of the Research Program "e4pain"**, *University of Cyprus*, Nicosia. July 2021–Jan 2022

I participate in the ambulatory assessment, experimental evaluation, and prediction.

**Teaching Assistant**, *University of Cyprus*, Nicosia. Jan 2020–present  
Teaching Assistant for the courses: EPL236 and EPL601.

**Special Scientist for the needs of the Research Program "COLLABORATE"**, *University of Cyprus*, Nicosia. May 2019–April 2021

I am implementing algorithms for a Distributed Storage System.

**Special Scientist for the needs of the Research Program "Base"**, *University of Cyprus*, Nicosia. 2016

I studied various methods of Machine and Deep Learning, which are useful for the processing and classification of human movements.

## Publications

**Invited paper: Towards Practical Atomic Distributed Shared Memory: An Experimental Evaluation.**, *A. Trigeorgi, N. Nicolaou, C. Georgiou, T. Hadjistasi, E. Stavarakis, V. Cadambe and B. Ugaonkar.* 2022

SSS

**Fragmented ARES: Dynamic Storage for Large Objects.**, *Chrysis Georgiou, Nicolas Nicolaou, Andria Trigeorgi.* 2022

DISC. (arXiv:2201.13292)

**ARES: Adaptive, Reconfigurable, Erasure coded, Atomic Storage.**, *N. Nicolau, V. Cadambe, N. Prakash, A. Trigeorgi, K. M. Konwar, M. Medard, and N. Lynch.* 2021

ACM Transactions on Storage (TOS).

**Fragmented Objects: Boosting Concurrency of Shared Large Objects**, *A. F. Anta, T. Hadjistasi, C. Georgiou, N. Nicolaou, E. Stavarakis and A. Trigeorgi.* 2021

SIROCCO

**Robust and Strongly Consistent Distributed Storage Systems**, *A. Trigeorgi.* 2021

RCIS

**Deployment and Empirical Evaluation of CoBFS in the Emulab Network Testbed**, A. Trigeorgi. 2021

ApPLIED Workshop

**Comparing apples and oranges or different types of citrus fruits? Using wearable versus stationary devices to analyze psychophysiological data**, P. Konstantinou, A. Trigeorgi, C. Georgiou, A. T. Gloster and M. Karekla. 2020

PsyP

**Wearable devices vs. Stationary equipment: Similar or different psychophysiological signals?**, P. Konstantinou, A. Trigeorgi, C. Georgiou, A. T. Gloster, G. Panayiotou and M. Karekla. 2019

ESRII

## Languages

**English:** CEFR Level B2

IELTS score 6.5

## Technical skills

**Languages:** Python, C, Java

**Operating Systems:** Unix (macOS, Linux), Ubuntu, Windows

**Frameworks:** Ansible, Grafana, Git, Docker, Hadoop, MapReduce, Lucene

**Testbeds:** Emulab, AWS EC2, Fed4FIRE, Grid'5000

**Databases:** Cassandra, Redis, InfluxDB, SQL, CouchDB

**Other skills:** ZeroMQ, Jaeger, Zipkin, Scikit-learn, BioSPPy, Neurokit

## References

### Names

- Chryssis Georgiou
- Nicolas Nicolaou

### Email

- chryssis@cs.ucy.ac.cy
- nicolas@algolysis.com

### Telephone

- +357 22892745
- +357 2273 1026