University of Cyprus

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Center of Excellence in Biobanking and Biomedical Research

PERSONAL INFORMATION	**Kalliopi-Maria Stathopoulou**
	📞 +35722892809
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Replace with dates (from - to)	Specialist research scientist / Bioinformatician
	Biobank
	▪ Research, NGS, RNA-seq analysis, Machine learning algorithms

WORK EXPERIENCE

- Data Scientist (Projects development with R, Python and Machine learning algorithms)
- IT Software/Hardware consultant

EDUCATION AND TRAINING

- PhD student in the field of Bioinformatics
  October 2019 – recently

Department of Computer Science and Biomedical Informatics, University of Thessaly, Greece

PhD dissertation is Differential gene expression analysis with artificial intelligence methods.

RNA-seq analysis, Machine learning algorithms

- MSc in Informatics and Computational Biomedicine
  October 2017 – February 2019

Department of Computer Science and Biomedical Informatics, University of Thessaly, Greece

DNA and RNA sequencing analysis, Rstudio, Python, Machine learning algorithms (supervised and unsupervised), Protégé ontology program (RDF, OWL), XML.

- BSc in Mechanical Computer Science & Technology
  September 2004 – November 2009

Technological Educational Institute of Lamia, Greece

Job-related skills

▪ Programming languages (R, Python), machine learning algorithms, Rstudio, Jupyter, R/Bioconductor, statistical analysis, NGS, Tableau, good command of RNA-seq workflow processes, good knowledge of program installation procedures.

ADDITIONAL INFORMATION

Projects

▪ Recommendation systems and algorithms, Athens, May 2020 – November 2020
▪ Analysis of Pap smear test results, Lamia, November 2017
▪ Ovarian cysts analysis from women with benign or malignant cyst, Lamia, January 2019

Seminars

▪ Bioinformatics, Babraham Institute, UK, May 2019 – December 2019
▪ Bioconductor for Genomics Data Science, Johns Hopkins University, May 2019
▪ Introduction to Genomics Technologies, Johns Hopkins University, April 2019

- Command Line Tools for Genomic Data Science, Johns Hopkins University, March 2019
- Next Generation Sequencing, EMBL-EBI, February 2019
- JavaScript developer, Aristotle University of Thessaloniki, January 2016 - September 2016
- Health Informatics, National and Kapodistrian University of Athens, February 2015 – December 2015