

# Curriculum Vitae

## Georgios A . Manios

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Name : Georgios  
Surname: Manios

Nationality : Greek , American

Birth Date : 28/11/1998

Birth Place : Ηράκλειο Κρήτης

### Research Interests

- ◆ Bioinformatics
- ◆ Biomedical Image Processing
- ◆ Biostatistics

### Education

#### ◆ 2017 – Today

University of Thessaly

B.Sc. : Computer Science and Biomedical Informatics , School of Applied Sciences , University of Thessaly, Greece

Degree Grade : 6,92 ( Very Good )

B.Sc. Thesis : Meta – Analysis Software for genetic expression data from micro-arrays

Supervisor Professor : Bagos Pantelis

Supervisor PhD student : Tambosis Ioannis

#### ◆ 2013 – 2016

3<sup>rd</sup> High School of Heraklion

Degree : 19.0 (Άριστα )

### Experience – Teaching

#### ◆ 7/2020 – 9/2020

Foundation for Research and Technology – Hellas (FORTH – ITE )

Summer Practice theme : Optimization of biomedical signal processing , spectral imaging and Raman spectroscopy algorithms.

Summer Practice Supervisors : Papadakis Vassilis , Topalis Pantelis

◆ 10/2018 – 2021

PyLam (Student Software Development Team of University of Thessaly )

Σχέση Εργασίας : Software Engineer , Trainer

Επιβλέπων καθηγητής : Dadaliaris Antonios

◆ 10/2018 – 2021

γ-UTH-Radio (Student Web - Radio of University of Thessaly )

Radio Producer of the music show ' DisCrete '

◆ 9/2018 –2021

Computer Science and Biomedical Informatics , School of Applied Sciences , University of Thessaly

MATLAB assistant for the laboratory part of the undergraduate course ' Linear Algebra '

◆ 6/2018 – 9/2018

University of Crete , Dpt. of Computer Science

Computerization assistant

Computerization Administrator : Chalkiadakis Georgios

◆ 10/2017 – 2021

Cretan Association of Lamia , Student Cretan Association of Lamia

Traditional Music Teacher

## Skills

### Programming Languages :

Python(very good knowledge)                      C/C++ (very good knowledge)

MATLAB (very good knowledge)                      Perl (very good knowledge)

JAVA (good knowledge)                                      SQL(good knowledge)

php(beginner level)                                      CSS (beginner level)

### Foreign Languages :

English (Excellent knowledge, C2 Proficiency Certificate)

French (Beginner level)

Turkish (Beginner level)

### Music skills :

Musical Instruments : Κρητική λύρα , κρητικό λαούτο , μαντολίνο

Music Software : Audacity , Band Lab, MuseScore3 , Synthesia

### Digital Arts :

Autodesk Sketchbook , Photoshop ,GIMP, Krita , ImageJ , Inkscape

## Publications

(Under Review )

- ◆ *Computer aided clinical image analysis for non – invasive assessment of tumor thickness in cutaneous melanoma*

*Melanoma Research*

Authors : Papadakis M , Manios G, Manios A.

- ◆ *Η βιαιότητα του Κρητικού πολέμου (1645-1669)*

*Περιοδικό ΥΠΕΡΧ: Ιανουάριος Σελίδα 62, 2020*

Authors : Ανδρέας Μανιός , Γεώργιος Μανιός

- ◆ *Ο λεκτικός πλούτος και οι μεγάλοι μήκους λέξεις του Ερωτόκριτου*

*Περιοδικό ΥΠΕΡΧ: Ιούλιος Σελίδα 72 , 2019*

Authors : Ανδρέας Μανιός , Γεώργιος Μανιός

## Personal PROJECTS

- ◆ DNA music processing in Python
- ◆ Simple GUI for Mendel Genotypes , programmed in Python
- ◆ Finding regions of interest in biomedical images in MATLAB, a biomedical image processing project
- ◆ Phonocardiographic signal analysis in MATLAB , a digital signal processing project
- ◆ Messenger app in C , an operating systems project
- ◆ Hangman game in C++ , an advanced programming project
- ◆ Music Team , School of Applied Sciences, University of Thessaly
- ◆ Student Cretan Association of Lamia

## Conferences and Events

2019

- ◆ FOSSCOMM 2019 : Volunteer
- ◆ Municipality of Lamia - Concert for the liberation of Lamia : Took part as musician

2018

- ◆ University of Thessaly - IEEE Workshop for Cloud Technologies
- ◆ University of Thessaly - Philanthropic concert for the Thileon (Θηλέων) - orphanage of Lamia : Volunteer

2012

- ◆ World Record Guinness - Biggest mandolinists gathering of the world : Took part in the record - brake event