

# Nikos Tsiknakis

## Curriculum Vitæ



📅 17<sup>th</sup> April, 1996  
📍 Heraklion, Greece  
☎ +30 6947478728  
✉ tsiknakisn@gmail.com  
tsiknakisn@ics.forth.gr  
🐙 tsikup  
🌐 tsiknakisn  
🔗 tsikup.github.io

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## 📖 Education

**Sep 2014 - Jul 2019** **BEng - MEng in Electrical and Computer Engineering**  
UNIVERSITY OF PATRAS  
5 years Integrated Masters 300 ECTS degree - Graduated 3rd in my class with a grade of 8.3/10  
Thesis STEREO VISION OF DUAL VIEW METEOSAT IMAGES ([link](#))  
Supervisor Prof. Athanassios Skodras

**2010 - 2014** **Secondary Education**  
2ND HIGH SCHOOL (Heraklion, Greece)  
Graduated with honours and a grade of 19.0/20.0  
In 2014 I participated at the National University Entrance Exams in which I obtained a GPA: 18.753/20.000

## 🕒 Experience

**Sep 2019 -** **Software Engineer**  
COMPUTATIONAL BIOMEDICINE LABORATORY ICS FORTH (Heraklion, Greece)

**Jul - Sep 2018** **Intern**  
COMPUTATIONAL BIOMEDICINE LABORATORY ICS FORTH (Heraklion, Greece)

## 🏛 Seminars & Workshops

**28-31 Aug 2018** **Drone School & Workshops: Deep learning and Computer vision for drone imaging and cinematography**  
ICARUS GROUP CSD AUTH  
<http://icarus.csd.auth.gr/activities/droneschool/>

**12-14 Feb 2018** **MEDDAYS 2018**  
SOPHIA ANTIPOLIS  
<http://leat.unice.fr/MEDDAYS2018/#page=home>

**18-20 Oct 2017** **Autumn School Aeroworks**  
UNIVERSITY OF PATRAS  
<http://www.aeroworks2020.eu/school>

- 10-15 Jul 2016** [1st Interdisciplinary Summer School on Privacy \(ISP 2016\)](https://isp.cs.ru.nl/2016/)  
 NIJMEGEN, NETHERLANDS  
<https://isp.cs.ru.nl/2016/>
- 22-24 Apr 2016** [9 th Panhellenic Conference of ECE Students](https://sfhmy9.sfhmy.gr/)  
 CHANIA, GREECE  
<https://sfhmy9.sfhmy.gr/>

## Prizes and Awards

- Feb 2014** [Best 1st year's project, Introduction to Programming Course](#)  
 ECE UNIVERSITY OF PATRAS

## Publications in International Conferences

1. C. Spanakis, E. Mathioudakis, N. Kampanis, N. Tsiknakis, K. Marias, Renyi divergence and non-deterministic subsampling in Rigid Image Registration, 2019 IEEE International Conference on Imaging Systems and Techniques (IST)

## Certificates

- Oct 2019** [Deep Learning Specialization](https://www.coursera.org/account/accomplishments/specialization/2X3DAMJNRWQ4)  
 COURSERA  
<https://www.coursera.org/account/accomplishments/specialization/2X3DAMJNRWQ4>
- Oct 2019** [Sequence Models](https://www.coursera.org/account/accomplishments/verify/KCLX2DCF9J89)  
 COURSERA  
<https://www.coursera.org/account/accomplishments/verify/KCLX2DCF9J89>
- Sep 2019** [Convolutional Neural Networks](https://www.coursera.org/account/accomplishments/verify/4GRNSJPW5KW9)  
 COURSERA  
<https://www.coursera.org/account/accomplishments/verify/4GRNSJPW5KW9>
- Sep 2019** [Structuring Machine Learning Projects](https://www.coursera.org/account/accomplishments/verify/EGYB8W3WLY28)  
 COURSERA  
<https://www.coursera.org/account/accomplishments/verify/EGYB8W3WLY28>
- Sep 2019** [Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization](https://www.coursera.org/account/accomplishments/verify/FPQQ6YWKQK7P)  
 COURSERA  
<https://www.coursera.org/account/accomplishments/verify/FPQQ6YWKQK7P>
- Sep 2019** [Neural Networks and Deep Learning](https://www.coursera.org/account/accomplishments/verify/P7AE9CDMRBEE)  
 COURSERA  
<https://www.coursera.org/account/accomplishments/verify/P7AE9CDMRBEE>

## SKILLS

- Programming Skills** [Advanced](#)  
 C, PYTHON, JAVA, MATLAB, SQL, HTML, CSS, JAVASCRIPT
- [Very Good](#)  
 C++

Good  
PROLOG

**Tools,** TENSORFLOW & KERAS FRAMEWORKS  
**Frameworks &** DJANGO, NODE.JS, SQL (MYSQL), NoSQL (MONGODB)  
**Technologies** UNIX/LINUX OS AND GIT VERSION CONTROL  
TEXAS INSTRUMENTS DSK6713 DIGITAL SIGNAL PROCESSOR  
MICROSOFT OFFICE & LATEX  
ABODE LIGHTROOM  
AUTOCAD

## Major University Projects

**Oct 2017 – Feb 2018** [IEEE Signal Processing Society SPCup2018](#)  
5 MEMBERS GROUP - ECE UNIVERSITY OF PATRAS  
[https://piazza.com/ieee\\_sps/other/spcup2018/home](https://piazza.com/ieee_sps/other/spcup2018/home)  
**2014-2019** [IEEE Xtreme and IEEE Activities](#)  
ECE UNIVERSITY OF PATRAS

## Memberships

**2016 - 2019** IEEE and IEEE Signal Processing Society Student Member

## Languages

[Greek](#) Mother tongue  
[English](#) Excellent (*C2 Certificate of Proficiency University of Michigan*)  
[German](#) Good (*B1 Goethe Institute*)