

Nikos Tsiknakis

Curriculum Vitæ



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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)**
NIJMEGEN, NETHERLANDS
<https://isp.cs.ru.nl/2016/>

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**
COURSERA
<https://www.coursera.org/account/accomplishments/specialization/2X3DAMJNRWQ4>

Oct 2019 **Sequence Models**
COURSERA
<https://www.coursera.org/account/accomplishments/verify/KCLX2DCF9J89>

Sep 2019 **Convolutional Neural Networks**
COURSERA
<https://www.coursera.org/account/accomplishments/verify/4GRNSJPW5KW9>

Sep 2019 **Structuring Machine Learning Projects**
COURSERA
<https://www.coursera.org/account/accomplishments/verify/EGYB8W3WLY28>

Sep 2019 **Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization**
COURSERA
<https://www.coursera.org/account/accomplishments/verify/FPQQ6YWKQK7P>

Sep 2019 **Neural Networks and Deep Learning**
COURSERA
<https://www.coursera.org/account/accomplishments/verify/P7AE9CDMRBEE>

SKILLS

Programming **Advanced**
Skills 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
ADOBE 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

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*)