

Nikos Tsiknakis

Curriculum Vitæ



📅 17th April, 1996
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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 GENERAL LYKEION (Heraklion, Greece)
Graduated with honors and a grade of 19.0/20.0
In 2014 I participated at the National University Entrance Exams in which I obtained an overall score: 18.753/20.000

👤 Experience

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

EU H2020 Projects:
 1. InSilc (<https://insilc.eu/>)
 2. SeeFar (<https://www.see-far.eu/>)
- Jul - Sep 2018** **Intern**
COMPUTATIONAL BIOMEDICINE LABORATORY ICS FORTH (Heraklion, Greece)

📖 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)

🏛 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/>
- 22-24 Apr 2016** [9 th Panhellenic Conference of ECE Students](#)
CHANIA, GREECE
<https://sfhmy9.sfhmy.gr/>

Prizes and Awards

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

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 Skills [Advanced](#)
C, PYTHON, JAVA, MATLAB, SQL, HTML, CSS, JAVASCRIPT

[Very Good](#)
C++

[Good](#)
PROLOG

Tools, Frameworks & Technologies TENSORFLOW & KERAS FRAMEWORKS
DJANGO, NODE.JS, SQL (MYSQL), NoSQL (MONGODB)
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

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*)