

Nikos Tsiknakis

MEng · Research Software Engineer



📅 17th April, 1996
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📖 Education

Sep 2014 - Jul 2019 MEng in Electrical and Computer Engineering

UNIVERSITY OF PATRAS

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

National University Entrance Exams 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**, and K. Marias, "Renyi divergence and non-deterministic subsampling in rigid image registration," in *IEEE International Conference on Imaging Systems and Techniques (IST)*, Abu Dhabi, United Arab Emirates, Dec. 2019.

🔬 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
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Languages

Greek	Mother tongue
English	Excellent (<i>C2 Certificate of Proficiency University of Michigan</i>)
German	Good (<i>B1 Goethe Institute</i>)