

Georgios Chochlakis

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EDUCATION

National Technical University of Athens (NTUA), Athens, Greece 09/2015 – 07/2020

- BSc & MEng in Electrical and Computer Engineering (5-year joint degree; 300 ECTS)
 - Current Grade: 9.42/10, Expected Grade: 9.57/10 (*top 3%*)
 - Concentration: Computer Science
 - Relevant Coursework: Neural Networks and Intelligent Systems, Pattern Recognition, Computer Vision, Artificial Intelligence, Advanced Topics in Computer Architecture, Advanced Algorithms
- Thesis (on-going): “*Cognitive-inspired approaches to Multimodal One-Shot Learning in Deep Neural Networks*”.
Advisor: *Alexandros Potamianos*

PROFESSIONAL & RESEARCH EXPERIENCE

Researcher, Institute of Informatics and Telecommunications, NCSR Demokritos, Greece 10/2019 – Present

- Carrying out research in depth and texture of Satellite Imagery using Deep Learning

Machine Learning Intern, SCiO, Lefkippos Attica Technology Park, Greece 07/2019 – 08/2019

- SCiO performs Descriptive, Predictive and Prescriptive Analytics on Food Systems
- Built a dataset with relevant metrics regarding Rice Cultivation in India
- Improved the efficiency of the Predictive model of Rice Production in India

PUBLICATIONS

- (Submitted) E. Panagiotou, **G. Chochlakis**, E. Charou. *Reconstructing the 3-dimensional geometry of rural areas based on a single satellite image using Generative Adversarial Networks*, in *Remote Sensing and Space Applications Committee of Greece*, 2019.

SKILLS

- Programming Python, C/C++, JavaScript, HTML, CSS, Java, SQL
- Software Tools MATLAB/Simulink, PyTorch, TensorFlow

TEST SCORES

- GRE: Quantitative 170/170, Verbal 157/170, Writing 5.0/6.0
- TOEFL: 114/120 (30R • 29L • 25S • 30W)

LANGUAGES

- **English** (fluent), **Greek** (native), **French** (intermediate), **Spanish** (basic)