

Konstantinos Bougiatiotis

Pentelis 23
14 121 Neo Irakleio, Athens
Greece
✉ bogas.ko@gmail.com



Education

- Dec 18 – **Ph.D. Student in Informatics and Telecommunications**, *National and Kapodistrian University of Athens*, Athens, Greece.
Present
- Sept 09 – **Diploma in Electrical and Computer Engineering**, *National Technical University of Athens*, Athens, Greece, **8.04/10 (Top 15%)**.
Nov 15
- Indicative Courses:
- Pattern Recognition
 - Computer Vision
 - Speech and Natural Language Processing
 - Neural Networks and Intelligent Systems

Diploma Thesis

- Title *Content-based Recommender System for Movies, with emphasis on Text*
Supervisor Prof. Stefanos Kollias

Professional Experience

- Dec 15 – **Assistant Researcher**, *Software and Knowledge Engineering Laboratory, Institute of Informatics and Telecommunications*, Athens.
Present
- Several European Funded Projects (*REVEAL, HOBBIT, BioASQ, IASIS*):
- Research prototype developer (machine learning, nlp, bioinformatics, graph analysis, question-answering, visualizations)
 - Technical infrastructure (both back- and front-end development)
 - Publishing and presenting research work in conferences
 - Co-supervising internships and B.Sc./M.Sc. theses
 - Challenges organization
 - Participation in submitting proposals for EU funding (FP7, H2020)
- June 17– **Software Developer**, *Freelancer*, Athens.
August 17 ○ Designing and deploying a hybrid recommender system for the leading coupon dealer company in Greece for personalized recommendations
- June 12 - **Employee**, *Optics Shop “Oraton”*, Athens.
June 13 Working experience as salesman:
- Sunglasses and eye-wear sales
 - Operation of optometric medical instruments

Occasionally

- 2011–2014 **Private tutor**, *Athens*.
High school students tutoring on Mathematics, Physics and Informatics

Languages

Greek **Excellent**

Native Speaker

English **Excellent C2**

Certificate of Proficiency in English, University of Michigan, USA

German **Basic B1**

Goethe Zertifikat Deutsch, Germany

Technical Skills

Progr. Lang. Python, Matlab, C, Java, **Operating Systems** Linux, Microsoft Windows
Databases MongoDB, SQL, Neo4j, Virtuoso **Front end** HTML, CSS, Javascript
◦ Interactive Visualization Tools (Plotly, D3.js)
◦ Web-app and services using Apache-Flask/Django framework

Presentations

May 2016 **SETN2016**, Thessaloniki, Greece, Content Representation and Similarity of Movies based on Topic Extraction from Subtitles.
September 2016 **CLEF2016**, Évora, Portugal, Author Profiling using Complementary Second Order Attributes and Stylometric Features.

Additional Information

Driving License B
Massive Open Online Courses ◦ *Machine Learning*, by Stanford University
◦ *An Introduction to Interactive Programming in Python*, by Rice University
◦ *Terrorism and Counter Terrorism: Comparing Theory and Practice*, by Leiden University

Selected Publications

Konstantinos Bougiatiotis and Theodoros Giannakopoulos. Enhanced movie content similarity based on textual, auditory and visual information. *Expert Systems with Applications*, 96:86 – 102, 2018.

Konstantinos Bougiatiotis and Anastasia Krithara. Author profiling using complementary second order attributes and stylometric features. In *Working Notes of CLEF 2016 - Conference and Labs of the Evaluation forum, Évora, Portugal, 5-8 September, 2016*, pages 836–845, 2016.

Konstantinos Bougiatiotis, Anastasia Krithara, Georgios Paliouras, and George Giannakopoulos. An exploratory analysis of news trends on twitter. In *Natural Language Processing meets Journalism, Proceedings of the Workshop, IJCAI 2016, New York, USA, July 9-11, 2016*, pages 80–86, 2016.

Anastasios Nentidis, Konstantinos Bougiatiotis, Anastasia Krithara, and Georgios Paliouras. Semantic integration of disease-specific knowledge. In *Proceedings of the 17th European Conference on Computational Biology, ECCB 2018, Athens, Greece, September, 8-12, 2018*, 2018.

Vassiliki Rentoumi, George Paliouras, Konstantinos Bougiatiotis, Dimitra Arfani, Katerina Fragkopoulou, Spyridoula Varlokosta, and Peter Garrard. Automatic detection of linguistic indicators as a means of early prediction of alzheimers and of related dementias: A cross linguistics analysis. In *Proceedings of the Alzheimer's Association International Conference, AAIC 2018, Chicago, United States, July 22-26, 2018*.