Konstantinos Bougiatiotis

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Education

Sept 09 – Nov 15 **Diploma in Electrical and Computer Engineering**, *National Technical University of Athens*, Athens, Greece, **8.04/10 (Top 15%)**.
Indicative Courses:
- Pattern Recognition
- Computer Vision
- Speech and Natural Language Processing
- Neural Networks and Intelligent Systems
- Digital Signal Processing
- Image and Video Analysis

Diploma Thesis

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

Professional Experience

Dec 16 – **Assistant Researcher**, *Software and Knowledge Engineering Laboratory, Institute of Informatics and Telecommunications*, Athens.
European Funded Projects(*IASIS*, *BioASQ*, *HOBBIT*):
- Research prototype developer (bioinformatics, nlp, question-answering)
- Technical infrastructure
- Challenges organization

June 17– August 17 **Software Developer**, *Freelancer*, Athens.
- Designing and deploying a hybrid recommender system for the leading coupon dealer company in Greece for personalized recommendations

Dec 15 – Nov 16 **Assistant Researcher**, *Software and Knowledge Engineering Laboratory, Institute of Informatics and Telecommunications*, Athens.
European Funded Project(REVEALing hidden concepts in Social Media-*REVEAL*):
- Research prototype developer (machine learning, nlp, visualizations)
- Supervising internships
- Publishing and presenting research work in conferences

June 12 - June 13 **Employee**, *Optics Shop "Oraton"*, Athens.
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, Haskell, Javascript	**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**, *'Evora, 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 Univeristy ○ *Terrorism and Counter Terrorism: Comparing Theory and Practice*, by Leiden University

Selected Publications

Anastasia Krithara Anastasios Nentidis, Konstantinos Bougiatiotis 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.

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, Georgios Paliouras, and Ioannis Kakadiaris. Results of the fifth edition of the bioasq challenge. *Proceedings BioNLP*, 2017.