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# IOSIF ANGELIDIS

## ADDRESS

## PHONE

## EMAIL

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Iosif Angelidis was born in Cholargos, Attica, on 16/06/1993. He is a graduate of the Department of Informatics & Telecommunications of the National and Kapodistrian University of Athens, in the field of «Theoretic Informatics», while he has completed his post-graduate studies in «Data Management». Meanwhile, he is working as a researcher for the projects Nomothesi@ API and Choronomothesia, being a member of Management of Data and Information Knowledge Group (**MADgIK**) and Knowledge Representation, Reasoning and Analytics (**KRR&A**) group.

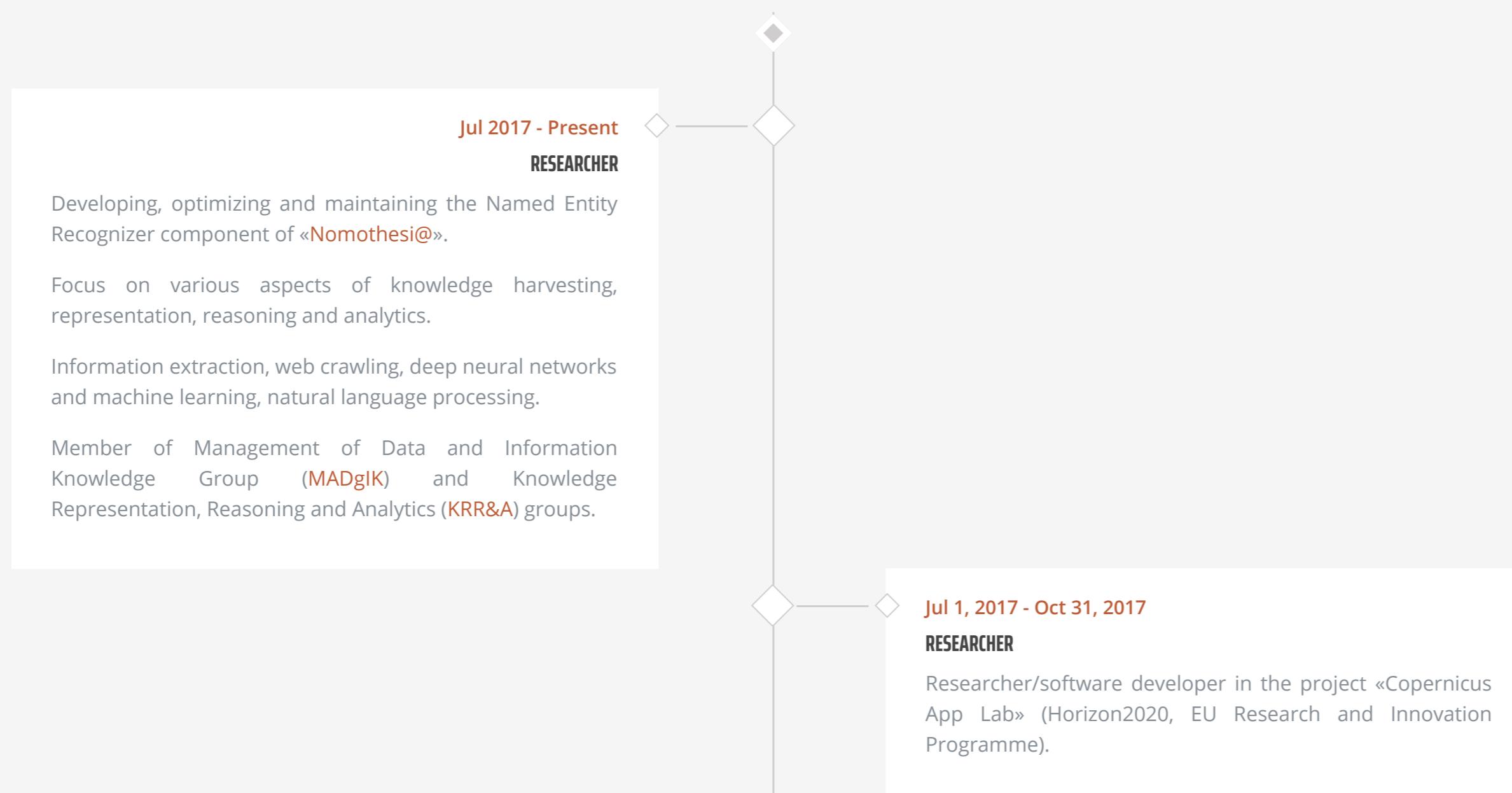
In the context of his MSc thesis, «Named Entity Recognition and Linking in Greek Legislation», under the supervision of professor Mr Manolis Koubarakis and PhD Candidate Ilias Chalkidis, he developed and maintained a Named Entity Recognizer which recognizes and extracts persons, organizations, geo-political entities, legal references, public documents and unofficial geographical landmarks found in the Government Gazette by utilizing Neural Networks and Deep Learning technologies. These entities are being encoded as RDF data based on a Semantic Web ontology and then interlinked with other open public datasets (Greek Administrative Geography, Greek DBpedia, Public Buildings) with Silk.

Currently, he keeps further developing, optimizing and maintaining the Named Entity Recognizer component of [Nomothesi@](#).

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# EXPERIENCE



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## EDUCATION

### NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS, DEPARTMENT OF INFORMATICS AND TELECOMMUNICATIONS

MASTER'S DEGREE

Computer Science - Information and Data Management  
Grade: 9.39/10.0

2016-2018

### NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS, DEPARTMENT OF INFORMATICS AND TELECOMMUNICATIONS

2011 - 2016

PTYCHION (4-YEAR DEGREE WITH THESIS)

Computer Science - Theoretic Informatics  
Grade: 9.34/10.0

### ECDL (SYLLABUS VERSION 4.0)

2007

CERTIFICATE IN DATABASES, CONCEPTS OF IT, WORD PROCESSING, PRESENTATIONS, INFORMATION AND COMMUNICATION, SPREADSHEETS, USING THE COMPUTER AND MANAGING FILES.

# SKILLS

## SOFT SKILLS

- ✓ Communication
- ✓ Team player
- ✓ Patient

## PROGRAMMING LANGUAGES

⦿ C ⻷ C++ ⻷ Java ⻷ Python ⻷ LUA ⻷ Haskell ⻷ OpenGL

## OPERATING SYSTEMS

▲ Arch ⻷ Debian ⻷ Fedora ⻷ Linux Mint ⻷ Manjaro ⻷ Mandriva ⻷ Slackware ⻷ \*buntu ⻷ Microsoft Windows (95, 98, 2000, XP, Vista, 7, 8, 10)

## SHELL SCRIPTING

>\_ bash >\_ fish >\_ tcsh >\_ csh >\_ zsh

## APPLICATIONS DEVELOPMENT

❖ Android ⻷ HTML 5 ⻷ CSS 3 ⻷ PHP ⻷ Javascript ⻷ jQuery ⻷ Ajax ⻷ Bootstrap ⻷ npm ⻷ bower ⻷ Gradle

## SERVER MANAGEMENT & DATABASES

❖ Apache Tomcat ⻷ Apache HTTP Server/XAMPP ⻷ SQL ⻷ PostgreSQL ⻷ Redis

## INTEGRATED DESKTOP ENVIRONMENTS

❖ IntelliJ ⻷ Pycharm ⻷ WebStorm ⻷ PHPStorm ⻷ Visual Studio Code

## GEOSPATIAL SYSTEMS

❖ Sextant ⻷ Strabon

## GENERAL

❖ LaTeX ⻷ Microsoft office ⻷ Presentations ⻷ Matlab



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## DISTINCTIONS

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### GREEK STATE SCHOLARSHIPS FOUNDATION (IKY)

SCHOLARSHIP FOR ACADEMIC PERFORMANCE

2011-2012

### PANELLINIOS AC

SECOND PLACE CERTIFICATE IN BACKSTROKE 33M

2002

## RESEARCH INTERESTS

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### DEEP LEARNING FOR NLP

### LEGAL TEXT ANALYTICS

LEGISLATION PUBLISHING, CONTRACT ANALYSIS



### INFORMATION EXTRACTION

NAMED ENTITY RECOGNITION AND LINKING

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### TEXT SEGMENTATION

LEGAL TEXT SEGMENTATION, ZONING, SENTENCE BOUNDARY DETECTION

### TEXT CLASSIFICATION

DOCUMENT/SENTENCE CLASSIFICATION

### SELF-SUPERVISED DOCUMENT CLASSIFICATION

### DATA AUGMENTATION

### LEGAL KNOWLEDGE REPRESENTATION

LEGISLATION, CONTRACTS

### E-GOVERNMENT – LINKED OPEN DATA



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## PUBLICATIONS

### I. ANGELIDIS, I. CHALKIDIS, CH. NIKOLAOU, P. SOURSOS AND M. KOURAKIS. *NOMOTHESIA: A LINKED DATA PLATFORM FOR GREEK LEGISLATION.*

MIREL WORKSHOP, LUXEMBOURG LOGIC FOR AI SUMMIT (LUXLOGAI 2018), LUXEMBOURG, 17 SEPTEMBER, 2018.[\[PUB\]](#)[\[E-PRINT\]](#)[\[BIB\]](#)

### I. ANGELIDIS, I. CHALKIDIS AND M. KOURAKIS. *NAMED ENTITY RECOGNITION, LINKING AND GENERATION FOR GREEK LEGISLATION.*

THE 31ST INTERNATIONAL CONFERENCE ON LEGAL KNOWLEDGE AND INFORMATION SYSTEMS (JURIX 2018). GRONINGEN, THE NETHERLANDS, 12-14 DECEMBER, 2018.[\[PUB\]](#)[\[E-PRINT\]](#)[\[BIB\]](#)

### D. PUNJANI, K. SINGH, A. BOTH, M. KOURAKIS, I. ANGELIDIS, K. BERETA, T. BERIS, D. BILIDAS, T. IOANNIDIS, N. KARALIS, C. LANGE, D. PANTAZI, CH. PAPALOUKAS AND G. STAMOULIS. *TEMPLATE-BASED QUESTION ANSWERING OVER LINKED GEOSPATIAL DATA.*

GEOGRAPHIC INFORMATION RETRIEVAL (GIR 2018) WORKSHOP. COLLOCATED WITH ACM SIGSPATIAL. SEATTLE, USA, 6 NOVEMBER, 2018.[\[PUB\]](#)[\[E-PRINT\]](#)[\[BIB\]](#)

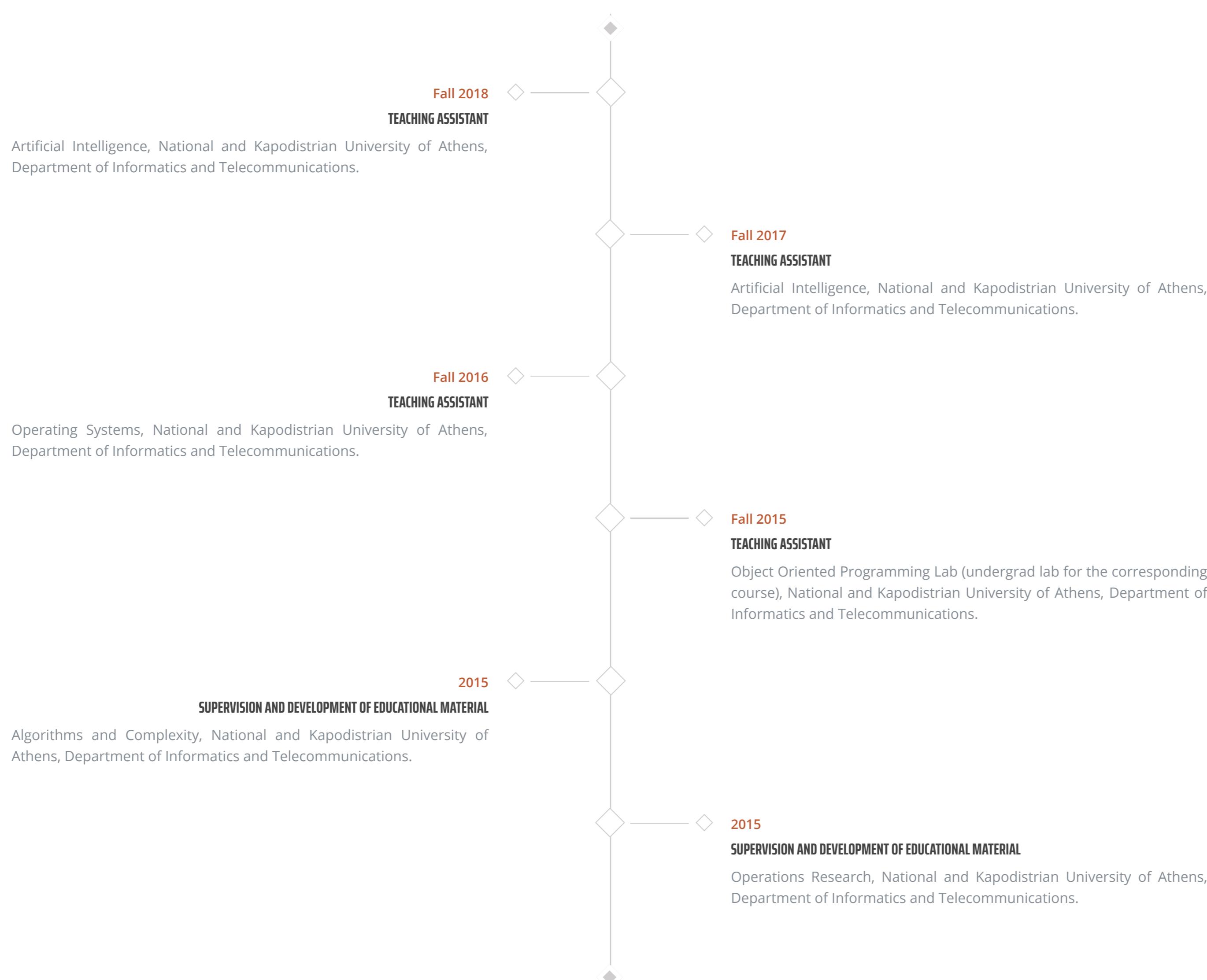
### P. LIAKOS, I. ANGELIDIS AND ALEX DELIS. *COOPERATIVE ROUTING AND SCHEDULING OF AN ELECTRIC VEHICLE FLEET MANAGING DYNAMIC CUSTOMER REQUESTS.*

PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON COOPERATIVE INFORMATION SYSTEMS (COOPIS), RHODES, 28 OCTOBER, 2016.[\[PUB\]](#)[\[E-PRINT\]](#)[\[BIB\]](#)

# ADDITIONAL ACADEMIC ACTIVITIES



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Apart from being a data scientist, I thoroughly enjoy travelling and visiting archaeological sites.

I strongly believe in the benefits of choosing swimming as a form of exercising over regular gymnastics. I used to go swimming for 6 years in boarding school and have taken a liking to it ever since. Of course, swimming does not have to be limited during summer, if one can endure the cold!

When forced indoors, I like talking about psychology, philosophy, mathematics, history and physics, or watching a good movie with friends (pretty much any genre, from horror to sci-fi to fantasy to comedy). Furthermore, I have been a gamer for a long time. I love playing almost all genres and fancy playing single player titles, or with friends. I definitely enjoy debating about games and their various aspects (gameplay, story, mechanics, gimmicks etc.). Moreover, I am an aspiring DJ with a twist: I seek mostly music featured in games!

I like spending a good amount of my free time exploring the open source community, learning about new technologies and tweaking computer systems.