

## Address

Draakstraat, 32  
2018, Antwerp, Belgium

# Georgios Manakanatas

## Software Engineer

## Contact info

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## Web & Git

www.linkedin.com/in/george-manakanatas  
https://github.com/GeorgeManakanatas  
https://george.manakanatas.github.io/

## Human Languages

Dutch ★★★★★  
English ★★★★★  
German ★★★★★  
Greek ★★★★★

## Programming Languages



## OS Experience

Linux ★★★★★  
MacOS ★★★★★  
Unix ★★★★★  
Windows ★★★★★

## Experience

04/2016 -  
This day

### Software Engineer

[Apogado CVBA, Mechelen, Belgium](#)

I split my time between Service Oriented Integration focusing on data transformation and data access using Web services, as well as working with our clients to develop tailor made solutions to their needs. As well as expanding the existing data integration solutions of Apogado with new services.

Back end development of web applications for Apogado. Based on a Javascript only development mentality and the MEAN stack. Node.js, Express.js, Mongoose.js, and MongoDB provide a complete and capable back-end that cooperates seamlessly with the frontend.

09/2014 -  
09/2015

### Master's Thesis

[Hellenic Open University, Patra, Greece](#)

Knowledge hiding and Association rule hiding, hiding frequent itemsets, exact knowledge hiding through database extension, k-anonymity, Rob frugal anonymisation, Apriori data mining algorithm. Python programming, tkinter GUI package, LaTeX text editor.

09/2004 -  
09/2015

### Physics and Mathematics tutor

[Freelance, Heraclion & Athens, Greece](#)

Physics and Mathematics tutoring for high school and junior high school students. Advanced Physics and Mathematics classes for College students, preparatory courses for end of semester examinations.

09/2010 -  
09/2014

### Part-time collaboration

[Giorgos Siotos & Aenaon Tutoring Center, Athens, Greece](#)

Giorgos Siotos Tutoring Center: 09/2010-09/2011 Physics and Mathematics tutoring for High School and Junior High School students.

Aenaon Tutoring Center: 09/2011-09/2014 Physics and Mathematics tutoring for High School and Junior High School students.

03/2006 -  
11/2007

### Part-time work

[Greenpeace & BFS Group, Athens, Greece](#)

BFS Group: 09/2007-11/2007 Direct Marketing, Customer Service, Portfolio Management, Database Management.

Greenpeace: 03/2006-05/2006 Direct Dialogue Campaigner/Fundraiser.

## Education

2012 -  
2015

### Master's Degree in Information Systems

[Hellenic Open University, Patra, Greece](#)

Curriculum: Information and Communication Technologies.

Main subjects: Computer Networks and Communications, Computer Architecture, Software Engineering, Software Design and Management Processing.

*Title of the Thesis: "Blocking Inference Channels in Outsourced Data Mining."*

*Relators: Prof. Ilias Stauropoulos, Prof. Basilios Berikios.*

## Tools & Frameworks



2000 -  
2009

## Bachelor's Degree in Physics

University of Crete, Heraklion, Greece

Curriculum: Physics and Mathematics.

Main subjects: Classical Mechanics, Electromagnetism, Thermodynamics and Statistics, Quantum Physics, Atmospheric Physics, Introduction to Circuit theory, Applied Geophysics, Elements of Electronics, Introduction to Optoelectronics, Financial Mathematics, Computational Physics.

## Skills

### Programming

Good working knowledge of JavaScript and back end development as well as adequate knowledge of HTML and CSS to assist on the front end of a project using the MEAN stack. Working knowledge in Python, Java and XML technologies. Basic knowledge of SQL and C.

### Frameworks

Good working knowledge of Node.js and Express.js frameworks as well as the Mongo database. Working knowledge of Apache CXF, Camel and the Apache Karaf container as well as Felix and basic OSGi principles. Working knowledge of the Talend enterprise service bus.

### Tools

Basic knowledge of the Apache Maven build tool and Jenkins integration tool. Talend Open Studio data integration tool, as well as SoapUI and Postman testing tools.

### General

Solid mathematical background and analytical skills from my physics studies. Basic knowledge of Data mining as well as data anonymization and de-identification methods.

## Hobbies & Interests



### English

Near Native Fluency, Certificate of Proficiency in English, University of Cambridge

### German

Fluent, Zeugnis Zentrale Mittelstufenprüfung, Goethe Institut

### Greek

Native Speaker

## Places Lived



## Other Info

European driving licence  
Belgian certificate of registration

For the Greek job market:

Στρατιωτικές υποχρεώσεις εκπληρωμένες, φορολογικός κάτοικος εξωτερικού.

January, 2018

Georgios Manakanatas