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Web & Git

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

Programming Languages



Human Languages

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

OS Experience

Linux ★★★★★
MacOS ★★★★★
Windows ★★★★★

Georgios Manakanatas

Software Engineer · Consultant

Experience

04/2016 -
This day

Software Engineer

Apogado CVBA, Mechelen, Belgium

Working for Apogado my time is split between back end development, software architecture, and consulting.

As a developer I focus mostly on the back end with most of my code written in Java, JavaScript and Python. I am comfortable working on and have experience with both the LAMP and MEAN stacks working both with legacy code as well as on new projects. With SOAP and REST protocols, with relational (MySQL, MariaDB) and non relational (MongoDB) databases as well as automated testing.

My Java projects so far lean heavily on Apache service mix components and have been mostly geared towards data transformation as well as service oriented integration for accessing and providing added value to the information of the various authentic sources of the Belgian federal state.

My JavaScript work has been on back end development of a proprietary Apogado GDPR compliance tool built on the MEAN stack.

Over the last year I have also placed high emphasis on developing skills on automated testing, continuous integration as well as infrastructure as code while using Python for ad hoc scripting when needed.

As an architect I help evaluate existing or proposed architectures as well as identify security gaps and recommend fixes or enhancements. I also design and build security for products from scratch as well as their associated databases taking care to balance business and information security requirements.

As a consultant I help design and/or implement custom made solutions tailored to a specific client's needs as part of the Apogado team.

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.

Tools & Frameworks



Hobbies & Interests



Places Lived



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.

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 knowledge of Java, JavaScript and Python. Also XML, XSL, JSON, YAML.

Working Knowledge of SQL, Bash and C.

Frameworks & Databases

Good knowledge of Node.js, Express.js, MongoDB, MariaDB, MySQL, Apache CXF, Apache Camel, Apache Karaf, Spring.

Working knowledge of the Talend ESB. Basic knowledge of Django, AngularJS, bootstrap.

Tools

Good knowledge of Postman, SoapUI, Ansible, Docker,

Working knowledge of Selenium, Jenkins, OpenAPI, Apache Maven, Talend Open Studio, OpenAPI

General

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

Certifications

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

German : Fluent, Zeugnis Zentrale Mittelstufenprüfung, Goethe Institut

Greek : Native Speaker

Other Info

European driving licence, Belgian certificate of registration. For the Greek job market: Στρατιωτικές υποχρεώσεις εκπληρωμένες, φορολογικός κάτοικος εξωτερικού.

January, 2018

Georgios Manakanatas