

Athanasios Agrafiotis

COMPUTER SCIENTIST

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Intro

Why me?

DATA ANALYST/COMPUTER SCIENTIST

A bright, talented and self-motivated data analyst who has passion achieving it's goals, is highly efficient and has a good eye for detail. Has extensive experience of assisting in the development software and excellent analytical techniques. Able to play a key role in analyzing problems and come up with creative solutions as well as producing methodologies and files for effective data management. A brainstorming person which can communicate clearly and effectively.

Education

Leiden University

Leiden, Netherlands

MASTER OF SCIENCE IN COMPUTER SCIENCE

A master which is specialised on Computer Science/ Advanced data analytics. Focused of data and the ability to discover meaningful patterns in data which becoming more and more important. The master focuses on modern computer science with big data and data science. Applications of these smart computing technologies.

February 2023

- **Bachelor of Science in Computer Science, Technological Educational Institute of Thessaly**, Thessaly, Larisa — University of Applied Sciences, focused on the IT and Telecommunications sciences. High-level staffing, multiple international distinctions and high-level curricula. The main subjects of the department is programming languages which i like most and researching. Semester September 2009-Jul 2015 (delayed army duties)

Skills

Interests Maths, Statistics, Physics, Algorithms

Programming Languages Python, JavaScript, C, Git, PHP, MySQL, Java, Linux, Windows

Frameworks Spyder, Notepad++, CMS, Adobe Photoshop, Pycharm

Languages Greek, English

Experience

Graduation Project

Amsterdam, Netherlands

PYTHON APPLICATION

Febr. 2022 - Sept. 2023

- Simulation of quantum protocol

Freelancing

Amsterdam, Netherlands

JAVA APPLICATION

Febr. 2021 - Sept. 2020

- application for spatial data

Olbico

Amsterdam, Netherlands

MASTER-THESIS NLP DATA SCIENTIST

Aug. 2019 - Febr. 2020

- Text Analysis/Mining (Feature Re-weighting an improvement technique)

Mgtoys

Kozani, Greece

WEBSITE ADMINISTRATION

Febr. 2017 - August. 2017

- Administration and custom construction of pages

self-employed

Kozani, Greece

FREELANCER WEB

Jan. 2017 - Mar. 2017

- Implemented a re-designed commercial website, improving the user experience.

Public Water Central Heat

INTERSHIP

- IT services of the office

Kozani, Greece

Sept. 2015 - Mar. 2016

Projects

Web-app

Developer

Sept. 2026

- <https://www.lifequb.com>
- Social network, Machine learning, AI

Symptemist (competition purpose)

Spain

Sept. 2023

- Entity recognition with Reinforcement Learning
- Reinforcement Learning

Reinforcement Learning Algorithms (educational purpose)

Netherlands

Febr. 2023

- Implementations in Python
- Reinforcement Learning

Min-Max, Deep q-learning (educational purpose)

Netherlands

Febr. 2022

- Creation of a software in Python
- Reinforcement Learning

Betweenness Centrality paper (educational purpose)

Netherlands

Sept. 2021

- Creation of a software in Python
- Social Network Analysis

Portfolio landing page CMS Theme 2023 (commercial purpose)

Greece

Sept. 2023

- A theme that is portfolio, blog page and support api's
- Plugins: Subscribenow, Ai-product
- Freelancing project

Medical Entities Anonymization

Spain

May 2019

- Creation of a software in Python
- Mathematical models to erase sensitive information

Commercial Site

Thessaloniki

May 2017

- Training on building commercial sites
- 12 days training program.

Educational Purpose Projects

Leiden Univ.

Sept. 2017- Sept 2019

- Sound recognition, Implementation of algorithms for networking, Image recognition, Text recognition, Ranking text., Researching of algorithms, Genetic Algorithms, Cloud Computing
- Programs implemented through Master studies available on GitHub.

Seminars

Being a Spammer for 40 minutes

Athens

- Spam Detection e-mails ISACA

Wordcamp Athens

Athens

- Presentation of WP CMS in Athens

Publishes

- Encryption algorithms