



EMMANOUIL VACHLAS

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PERSONAL STATEMENT

A highly motivated python developer, having 2 years experience in working as a research assistant (mainly in the field of data science) and also in the development of an early stages startup. Particular expertise in data parsing/web crawling, and always seeking opportunities to broaden programming experience and skills.

WORK EXPERIENCE

Institut d'Estudis Espacials de Catalunya - IEEC

May 2019 — June 2019

Software Engineer

Working in the GAIA project of the European Space Agency. My main duty is the development of Java software for data validation.

newstats.eu

Aug 2018 — February 2019

Python Developer

I consider this as the most important project of my career so far. The fact that I was involved in the project from the very beginning made my role crucial, as I had to take important decisions about the company's future (e.g. tech stack)

Some of my duties:

- Designing the database
- Developing data parsing software
- Transforming, cleaning and analyzing large datasets

Some of the tools I used:

- Python 3.6
- Scrapy
- MongoDB
- Ansible

IESE Business School Barcelona

Oct 2017 — July 2019

Research Assistant

Providing assistance to two professors, helping them with their data-science related research.

A brief summary of what I did:

- Topic modeling
- Deep learning/RNN
- Parsing data
- Transforming and cleaning the data
- 3d image editing and transformation

And some of the tools I used:

- Python, R, C
- Scrapy, requests, BeautifulSoup (for parsing data)
- MongoDB, MySql (for storing data)

- PyTorch (RNN)

Upwork.com

Jan 2017 — Present

Freelancer

Profile: <https://www.upwork.com/fl/emmanouilv>

I was established as a successful freelancer, in the Upwork freelancing platform. Working mostly with companies, helping them to:

- Growth by providing them with data
- Automate everyday tasks
- Setting up parser networks
- Providing them with software/web development solutions

Gipeda.gr

Aug 2014 — Present

co-Founder

Co-Founder of the most successful search engine for basketball courts in Greece. During the development process, I had to take some crucial decisions about the platform's future and also decide on the technologies that would be useful to the project. Some of my duties:

- Development of the website
- Development of the Android app
- Setting up the database schema
- Crawling the web to collect the data

ORAMA-Group

Nov 2014 — Aug 2015

Web Developer (Internship)

Worked closely with the CEO of the startup company. I started getting involved more and more with coding during this internship, creating my first python scripts and eventually developing websites with the use of wordpress cms and some parts on custom websites.

Tools I used:

- Python 2.7
- Wordpress
- HTML/CSS
- PHP

EDUCATION

Master of Science (M.Sc.),
Informatics

2015 — 2017

University of Piraeus

Grade: 8.76

Thesis Topic: ReviewIt: A mobile app aimed to improve customer service

Thesis Supervisor: Efthimios Alepis

Bachelor of Science (BS). Business
Administration and Management

2008 — 2014

Technological Educational Institute of Piraeus

Grade: 5.82

Thesis Topic: E-Commerce: The field of Informatics and its Technologies

Thesis Supervisor: Dionysios Giannakopoulos

QUALIFICATIONS

- Udemy/Red Hat, inc - Simplicity in Automation (2019)
- Udemy - Docker for the Absolute Beginner - Hands On - DevOps of (2019)

LANGUAGES

ENGLISH: University of Michigan Certificate of Proficiency, ECPE C2 – 2010

OTHER SKILLS	DRIVING LICENCE: A and B (European Union standards) MUSIC SKILLS: 13-year attendance of piano lessons, completion of Music Theory and Harmony.
DATE	6 May 2020