ELEFTHERIOS KARAMOULAS

Software Engineer

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WORK EXPERIENCE

Software Engineer
Bloomreach

11/2017 – Present   *Amsterdam, Netherlands*

Development & Consultancy

- Assisting clients with their implementations and working on internal projects

Software Engineering Intern
Bloomreach

07/2017 – 10/2017   *Amsterdam, Netherlands*

PERSONAL PROJECTS

Sentiment analysis on Twitter posts with use of Elastic stack - Thesis (Python) (09/2017 – 02/2018)
- Training of classifiers and set of pipeline that consumes real time posts from twitter and analysis them. Creation of visualisations to gain insights and measure accuracy.

Information Retrieval System (Java & Lucene)
- Indexing, querying and statistic mining from set of documents

Solitaire Solver (C) (02/2016 – 06/2016)
- Solitaire game solver that makes use of AI algorithms

Admin/User registry system with fingerprint access (Java & Arduino) (02/2015 – 06/2015)
- Registry system that identifies it's users by their fingerprint.

EDUCATION

Erasmus+
University of Groningen, Faculty of Computer Science & Faculty of Artificial Intelligence ⤢

02/2017 – 07/2017   *Groninge, Netherlands*

Courses

- Neural Networks
- Applied Mathematics
- Distributed Systems

Bachelor
University of Macedonia, Faculty of Applied Informatics ⤢

09/2014 – 02/2018   *Thessaloniki, Greece,GPA: 8.20*

Courses

- Artificial Intelligence
- Decision support systems
- Linear Programming
- Parallel Computing
- Object Oriented Programming
- Automata

SKILLS

JAVA   HTML5   CSS3   Bootstrap   JavaScript

jQuery   Lucene   Git   Unix   Python

Web Development   Unit testing   Scikit- learn

REST   SQL   Wicket   Angular   C   PHP

Data Analysis   Communication   Teamwork

Accountability   Problem Solving

PERSONAL PROJECTS

Server/Client system for measuring efficiency (Java) (04/2017 – 07/2017)
System responsible for measuring efficiency and informing of spikes in CPU or memory usage

Deterministic and non-deterministic finite automaton (09/2014 – 02/2015)
Creation of a deterministic and a non-deterministic finite automaton and conversion of the first to the latter and vice versa

ONLINE COURSES

● Introduction to Data Science in Python (Michigan University)

● Using Python to access Web data (Michigan University)

● Using Databases with Python (Michigan University)

● HTML, CSS and Javascript for Web Developers (Johns Hopkins University)

● Single Page Web Applications with AngularJS (Johns Hopkins University)

LANGUAGES

Greek
Native

Russian
Native

English
IELTS 7.0 (C1)

INTERESTS

Music   DIY   Traveling   Photography

Programming   Physical Activities   Movies

Volunteer Work