

Christos-Angelos Vasilopoulos

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EDUCATION

UNIVERSITY OF PATRAS

MEng in Computer Engineering & Informatics
Computer Engineering & Informatics Department
March 2018 | Patras, Greece
Grade: 6.56/10.0

LINKS

Github:// [vasilopo](#)
LinkedIn:// [vasilopo](#)
Twitter:// [@vasilopo_](#)

COURSEWORK

GRADUATE

Object Oriented Programming
Graph Theory & Applications
Data Structures
Database Systems
Information Retrieval
Data Mining & Machine Learning
Artificial Intelligence
Parallel Programming
Web Programming & Systems
Linear Algebra
Probability & Basic Statistics
Numerical Analysis & Implementation
Environments
Scientific Computing
Signals & Systems Theory
Digital Signal Processing
Computational Complexity

SKILLS

PROGRAMMING

Over 5000 lines:
Python • Shell • JS • MySQL
Over 1000 lines:
React • HTML • CSS • \LaTeX
Docker • TensorFlow • scikit-learn
Familiar:
nginx • Travis CI • Kubernetes

EXPERIENCE

SENTIO SOLUTIONS | Junior Backend Software Engineer

May 2020 - Present | Athens, Greece

- Designing and developing the **Feel** mobile (Android & iOS) API using **Python**.
- Enhancing and creating the internal infrastructure using **Python** and **React**.

GREEK ARMY | Research and Informatics

May 2019 – Feb 2020 | Athens, Greece

- Created multiple scripts and internal websites using **Python**, **HTML/CSS** and **Shell**.
- Maintained the Hardware Infrastructure (Servers & Networks).

INNOETICS TEXT-TO-SPEECH TECHNOLOGIES | Machine Learning Engineer Intern

Apr 2019 – May 2019 | Athens, Greece

- Implemented various Deep Learning architectures with goal to predict the MOS (Mean Opinion Scores) of Text-To-Speech systems using **Python** with the help of **PyTorch** library.

TREEBOT | Co-Founder

Apr 2018 – Dec 2018 | Athens, Greece

- Teamed up with CEID/UoP classmates to explore product ideas and deliver larger customer projects.

CERTIFICATIONS

2020	Databricks	ETL Part 1: Data Extraction (with capstone)
2020	Databricks	Getting Started with Apache Spark SQL (with capstone)
2020	Udemy	Apache Spark with Scala - Hands On with Big Data!
2020	Udemy	Docker and Kubernetes: The Complete Guide
2019	Coursera	AI For Everyone
2019	Coursera	TensorFlow in Practice Specialization
2019	Coursera	Deep Learning Specialization
2018	Udemy	Become a Blockchain Developer with Ethereum and Solidity
2018	Udemy	Learn Ethical Hacking From Scratch
2018	Udemy	Advanced AI: Deep Reinforcement Learning in Python
2018	Udemy	Deep Learning A-Z™: Hands-On Artificial Neural Networks

PROJECTS

Diploma Thesis:

- Created an Information Retrieval Algorithm based on the **Okapi BM25 Algorithm** which performed **Query Expansion** with the help of **Neural Networks**.
The implementation was made in **Python** with the help of the **Gensim Python library**.