

Thomas Saltos

Email: thomasal14@hotmail.com

Tel.: +30 6945314811

GitHub: github.com/thomassal



EDUCATION

Athens University of Economics and Business

M.S. in Data Science and Machine Learning (Part Time), GPA: 8.3/10

Athens, GR

2019-2021

University of Patras

M.Eng. in Computer Engineering and Informatics, GPA: 7.03/10

Patras, GR

2011-2016

- Thesis: “Sentiment analysis in Twitter data with Apache Spark” (Scala, Apache Spark)

EXPERIENCE

Synelixis Solutions

Software Engineer

Athens, GR

2017/07 - Present

- Design, develop, manage and support software applications (Python, Django, Celery, Go)
- Software testing/TDD
- Deploy apps using Docker and Kubernetes
- Managing on premise (bare-metal) Kubernetes cluster
- Design and deploy ML infrastructure at the company’s local datacenter used by four engineers
- CI/CD pipelines (Gitlab CI)
- ETL applications (Apache Spark, Scala, Apache Hadoop)

Citrix Systems

Software Enginner Intern (participation in Cloud operations project)

Patras, GR

2016/4 - 2016/6

- Creation of a Restful API (Ruby on Rails) for reserving resources on the AWS with the usage of the automation platform Ansible
- Automated build of the solution with Jenkins (Continuous Integration Server)
- Creation of Ansible scripts for the installation of VMs on VMware ESXi

SKILLS

- **Operating Systems:** Windows, Linux
- **Programming Languages:** C, JAVA, SCALA, GO
- **Scripting Languages:** Unix/Linux shell scripting, Python
- **Databases:** MySQL, PostgreSQL, MongoDB
- **Big Data:** Apache Spark, Apache Hadoop, Apache Kafka
- **Data Science:** TensorFlow, Keras, PyTorch
- **Web Development:** HTML, CSS, PHP, XML,JSON, Django

LANGUAGES

- **English:** Fluent
- **Greek:** Native

PROJECTS

- **Thesis project** (Scala, Apache Spark)
 - Sentiment analysis in Twitter data using MLlib and Spark streaming
- **Log data analysis** (Java, Map-Reduce algorithm)
 - Data analysis with Map-Reduce model in Hadoop
- **Data Science challenge - MS course** (Python, Pytorch, NetworkX)
 - Citation link prediction using a variety of features such as bert embeddings and variational GAE
- **Abnormality detection in bone X-Rays** (Python, Tensorflow)
 - Given the MURA dataset I developed a deep learning model for abnormality detection

SEMINARS

- Introduction to Big Data and Machine Learning: Two days seminar hosted by Citrix
- Two-day workshop for developers of Windows 10, hosted by Microsoft Hellas.

VOLUNTEERING & MENTORING

- Team Member at StudentGuru Patras 2012–2016
StudentGuru Patras is the first academic community at the University of Patras to major in Microsoft.NET related technologies
 - Presentation of several topics on C# & Visual Studio, Windows apps, unity, Web development and ethical hacking
 - Organisation of programming competitions
 - Participation in workshops organized by Microsoft Hellas
- Teaching Assistant at Logical Design Lab, University of Patras, Greece Fall 2015
Mentored students during task implementation and technical support