

GIORGOS MITSIS

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SUMMARY

As a Software Engineer with a PhD in computer science and 7+ years of experience, I have a solid foundation both in industry and academia, bringing a unique blend of technical expertise, project management skills, and passion for innovation. My experience spans from contributing to cutting-edge research to delivering impactful solutions in a dynamic business environment. Always eager to acquire new expertise and leverage my skills in challenging engineering projects.

EXPERIENCE

Workable (All-in-one HR software)

Software Engineer

Athens, Greece

Nov 2024 – Present

- Part of AI team
- Productizing AI features
 - Enabled multilingual search of jobs
 - Enabled job classification on non English jobs
- Rearchitecting and modernizing code enabling easier development and less error prone execution
- Refactored logic of job classification flow to reduce storage requirements by 90%
- Performed a large scale backfill of job requirements and candidate profile matching using a new ML model
- Monitoring microservices and sagemaker instances
- **Python, Celery, PostgreSQL, Kafka, RabbitMQ, DataDog, Honeybadger, AWS S3**

Skroutz S.A. (Greece's leading e-commerce platform)

Software Engineer

Athens, Greece

Feb 2022 – Oct 2024

- Technical analysis, definition of requirements and proposition of innovative solutions
- Leading projects - conducting code reviews ensuring the quality of the team's output
- Delivery of software solutions according to the team's planning
- Integrating automated tests following the continuous delivery pipeline
- Effective communication with corresponding stakeholders / external partners
- Demonstrating prototype implementations in company-wide demo presentations & tech mentoring in company wide events
- **Indicative projects:** Fraud detection mechanism, Operational evaluation framework, Extension of XML parsing mechanism, Phone communications, Order Management, Data & Insights tool
- **Ruby, Ruby on Rails, MariaDB, PostgreSQL, MongoDB**

NETwork Management & Optimal Design Laboratory (NETMODE), NTUA

Software Engineer

Athens, Greece

Dec 2015 – Dec 2021

- Design, architecture and technical implementation of projects
- Translation of user requirements to product features
- Coordination with the projects' external partners through project meetings and calls
- Leading technical parts of projects
- Writing project deliverables, technical documentation and research proposals
- **EU's Horizon 2020 Projects:**
 - Recommendation system web application (GUI and API) providing personalized content (videos and enrichments) to users (PRODUCER) – **Python, Django, django-rest-framework, PostgreSQL – code**
 - Recommendation system API providing personalized content (videos and dual screen content) to users (MECANEX) – **PHP, Laravel, MySQL – code**

Researcher

Dec 2015 – Dec 2021

- Proposition, design and evaluation of research ideas – **Python, Numpy, Matplotlib, Matlab, ~~TeX~~ – code example**
- Authoring and reviewing scientific papers

Teaching Assistant

Sep 2016 – Dec 2021

- Organization, presentation of courses and evaluation of students

TECHNICAL SKILLS

- **Languages:** Ruby, Python, PHP, Matlab, SQL
- **Frameworks:** Ruby on Rails, Django, django-rest-framework, Flask, Laravel
- **Libraries:** Celery, RSpec, Numpy, Matplotlib, Scipy, NetworkX, Gensim
- **Databases:** PostgreSQL, MariaDB, MySQL, Redshift, MongoDB, Redis
- **Alerting and Monitoring:** DataDog, HoneyBadger, Sentry, Grafana
- **Other:** Git, Kafka, RabbitMQ, Kubernetes, Elasticsearch, Docker, ~~TeX~~, Tmux, Emacs, Vim, AWS

EDUCATION

PhD - Computer Science

National Technical University of Athens (NTUA)

Athens, Greece

Dec 2015 – Sep 2021

- Dissertation: Distributed decision-making frameworks for resource allocation in cyber-physical systems

Integrated Master - Electrical and Computer Engineering (Grade: 8.1/10)

National Technical University of Athens (NTUA)

Athens, Greece

Sep 2008 – Jun 2015

- Fields: Computer Science, Networks, Mathematics, Bioinformatics
- Thesis: Bounding box proposal for fast object detection on images

Erasmus Semester

Université Pierre et Marie Curie

Paris, France

Feb 2012 – Jul 2012

LANGUAGES

- **Greek:** Native
- **English:** Fluent. Certificate of Proficiency in English (CPE), Level C2, Cambridge University
- **French:** Fluent. Sorbonne C2, Diplôme de Langue et Littérature Françaises