

# THEIOU VASILEIOS

## Machine Learning Engineer, Data Scientist, Software Engineer

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I am a highly motivated and versatile professional with a strong background in machine learning and software engineering. I am characterized by a proactive approach to problem-solving and a relentless commitment to overcoming challenges. Eager to expand my knowledge base, I thrive in dynamic environments that demand continuous learning. My passion for technology, coupled with a results-oriented mindset, positions me as a valuable asset in driving success and innovation within any team or project.

## EXPERIENCE

### Machine Learning Engineer / Software Developer

#### NCSR Demokritos

January 2023 – Present

Hybrid

- Created multiple front-end user interfaces utilizing React, JavaScript, and HTML/CSS, showcasing a proficiency in designing and implementing interactive and visually appealing web applications.
- Developed a user-friendly data annotation pipeline with an intuitive interface for annotators, while providing administrators access to comprehensive statistics and agreement metrics for result evaluation.
- Conducted research on adversarial attacks for machine learning models, actively contributing to the development of attack strategies, while also specializing in crafting robust defense mechanisms to enhance model resilience against adversarial threats.

### Researcher / Data Scientist

#### NCSR Demokritos

February 2022 – September 2022 Remote

- Collaborated with professionals from diverse backgrounds, including clinicians, during my Thesis Diploma at a Research Institute.
- Applied analytical and technical expertise to provide insights from medical data.
- Provided internal analytics and data science services, showcasing expertise in handling and transforming raw data.
- Evaluated and compared the performance of various forecasting models.
- Conducted in-depth statistical analysis to assess the impact of each predictor and evaluated the significance of innovative biomarkers in predictive modeling.
- Provided internal analytics and data science services, showcasing expertise in handling and transforming raw data.
- Contributed to a published research paper stemming from the collaborative efforts at the institute.

## PERSONAL DEVELOPMENT - COURSES

- The Data Science Course 2022: Complete Data Science Bootcamp-Udemy
- Machine Learning A-Z™ Hands-On Python & R In Data Science-Udemy
- The Complete JavaScript Course 2021 From Zero to Expert!-Udemy
- Udemy - 100 Days of Code - The Complete Python Pro Bootcamp for 2021-Udemy
- Deep Learning A-Z™ Hands-On Artificial Neural Networks-Udemy
- Udemy - The Complete SQL Bootcamp 2020 Go from Zero to Hero

## STRENGTHS

Hard-working

Handling Pressure

Collaboration

Problem Solving

## SKILLS

### Programming Languages and tools:

C

Python

Javascript

Java

C++

### Software tools

Tensorflow

Scikit-learn

SQL

React

HTML

CSS

Bootstrap

Pytorch

## LANGUAGES

English

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French

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## EDUCATION

Integrated M.Sc. Electrical and Computer Engineering

University of Thessaly

Sept 2017 – Sept 2022

- GPA: 8.3/10

References available upon request