

# Stylianos Sidiropoulos

MACHINE LEARNING ENGINEER · SOFTWARE DEVELOPER

Linköping, Sweden

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*Software Developer and aspiring Machine Learning Engineer/Data Scientist with strong skills in machine learning, deep learning, data analysis, statistical modeling and software/web development. Self-motivated, knowledge-hungry learner, eager and curious to learn new things, easy to adopt to new technologies/methodologies, embraces teamwork, digging into the details and closely following modern technology trends.*

## Experience

### Fieldscale

Thessaloniki, Greece

WEB DEVELOPER INTERNSHIP

06/2018 - 08/2018

- Found and solved bugs in the website and blog
- Helped my colleagues with IT-related problems

## Skills

**Programming** Python, R, JavaScript, Java, C, SQL, MongoDB, REST API

**DS & ML** Keras, TensorFlow, NumPy, Pandas, Scikit-Learn, PySpark, Jupyter, Matplotlib, Plotly, ggplot2, R Shiny

**Other** Git, Docker, Postman, Bash, Selenium, LaTeX

**Languages** Greek (*Native*), English (*C1*), French (*B2*), Swedish (*A1*)

**Certifications** Neural Networks and Deep Learning, Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization, Convolutional Neural Networks (*by DeepLearning.AI*)

## Education

### Linköping University

Linköping, Sweden

STATISTICS AND MACHINE LEARNING MSC.

08/2019 - Present

- Machine Learning, Deep Learning, Data Mining, Big Data Analytics, Bayesian Learning, Visualization

### University of Macedonia

Thessaloniki, Greece

APPLIED INFORMATICS BSC.

10/2013 - 12/2018

- Object-Oriented/Functional Programming, Databases, Algorithms, Data Structures, Software Engineering

## Personal Projects

### Sentiment Analysis Tool for Twitter

BSC THESIS

- Created a sentiment analysis Tool for tweets using Python, MongoDB and Twitter Streaming API

### Social Network Web Application

PROJECT

- Developed a Social Network Web Application using HTML/CSS, JavaScript, Python (Flask Web-Framework) and SQL

### Evaluation of different classification algorithms for COVID-19 Pandemic Tweets

PROJECT

- Data Preprocessing and evaluation of different classification algorithms for COVID-19 Pandemic Tweets

### Temperature Prediction with Spark

PROJECT

- Predicted hourly temperatures for a date and place in Sweden using a PySpark Gaussian kernel model

### Airline Database Modeling

PROJECT

- Designed an airline database with Passengers, Reservations, Tickets, Flights, Airports and more using SQL (Tables, Procedures, Functions, Triggers and Views)