Stylianos **Sidiropoulos**

MSc Statistics and Machine Learning student · Software Developer

Linköping, Sweden

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MSc Statistics and Machine Learning student at Linköping University. Aspiring Machine Learning Engineer who is self-motivated, passionate about writing code, eager and curious to learn new things, constantly improving skill set, knowledge-hungry learner, enjoys collaboration and digging into the details.

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

Skills

Programming	Python, R, JavaScript, Java, SQL, MongoDB
AI & ML	Data Analysis, Data Mining, Data Visualization, Neural Networks, Predictive Modeling, NLP
Other	Git, Docker, Postman, Bash
Languages	Greek *(Native)*, English *(C1)*, French *(B2)*, Swedish *(A1)*

Experience

Fieldscale — *Thessaloniki, Greece*

Web Developer Internship — *06/2018 - 08/2018*

- Maintained the website and blog
- Maintained the IT infrastructure

Personal Projects

Optimal designs for sub-regions' effects in multi-environment crop variety trials — *Linköping, Sweden*

MSc Thesis — *01/2021 - 06/2021*

- Determine best linear unbiased estimator, formulate and analyze the related design criteria (standard and weighted A-criteria) and compute optimal designs using the OptimalDesign package in R

Sentiment Analysis Tool for Twitter — *Thessaloniki, Greece*

BSc Thesis — *03/2018 - 09/2018*

- Sentiment Analysis Tool for tweets using Python, MongoDB and Twitter Streaming API

Social Network Web Application — *Linköping, Sweden*

Project — *01/2020 - 03/2020*

- Implementation of 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

- Implementation of a PySpark Gaussian kernel model to predict the hourly temperatures for a date and place in Sweden