

Culemborg, Netherlands
4101 EK

Michail Gerogiannis

(+30) 6947644975
mgerogiannis@outlook.com

EMPLOYMENT

Software Development Engineer	Rademaker B.V	2019 - Present
--------------------------------------	----------------------	-----------------------

Working as a part of the R&D Team, designing and developing AI solutions that lead on to the automation and self-optimization of the robotic parts in the production line.

Being a member of the SDE Team focusing on the development and maintenance of various APIs, cloud-based solutions and mobile applications.

PROJECTS

Adaptive process control with AI

Using neural networks, the application can predict with 95% accuracy the outcome of the production line based on various parameters, reducing the labor costs by 35% for the customer.

Angular CRUD with Web API

A Web API that allows operators and engineers to handle the machine settings of the production line. It also allows the update, insertion and deletion of machine configurations which are stored in a database, making the specific production line, the product with the greatest demand in the portfolio of the company.

Monitoring and Visualizing Data with Web API

A Web API that collects Data from production line's sensors, stores them into a NoSQL database, displays the real time values of the line-sensors in a grid-box view, creates graphs of historical data and provides recommendations based on AI techniques, reducing by 20% the loss of useful product for the customer.

Machine Learning techniques for predicting tokens in integrated development environments (MSc. Thesis)

A Machine Learning tool that enables code autocompletion which uses Recurrent Neural Networks (GRUs) and Natural Language Processing to handle a big amount of coding projects in a text form and provides suggestions for the next tokens that should follow as the user is typing.

EDUCATION

Master's in Computer Science	University of Macedonia	2018 - 2020
-------------------------------------	--------------------------------	--------------------

Key courses: JAVA software development, Cloud technologies & Networking

Bachelor's in Information Systems	University of Patras	2008 - 2012
--	-----------------------------	--------------------

Key courses: Data Structures, Design and analysis of Algorithms, Computer Architecture, Operating Systems, Software Engineering, Database management systems.

CERTIFICATIONS

[Introduction to Computer Science and Programming Using Python](#)
[HCIA-5G Course](#)

LANGUAGES AND TECHNOLOGIES

Languages: English, Dutch, Greek

Programming Languages: C#, Java, Python,

Database: MySQL, MongoDB

Frameworks and tools: Spring, Junit Testing, .NET, Keras, Tensorflow, NLTK, TKinter, Entity Framework, gRPC, IoT hub, Angular, React

Others: GitHub, Docker