# Machine Learning Engineer (Permanent / Full time)

Applied Materials is the global leader in materials engineering solutions for the semiconductor, flat panel display, and solar photovoltaic (PV) industries, their engineering solutions are used to produce virtually every new chip and advanced display in the world.

In April 2020, Applied Materials acquired Think Silicon®, which specializes in developing and licensing high-performance ultra-low power graphics IP technology. Think Silicon is headquartered in Greece with offices in Patras and Athens. Since Think Silicon’s founding in 2007, it has continued to grow, and we currently have an exciting, full-time, permanent opportunity for a Machine Learning Engineer.

## Location: Patras / Athens, Greece

* We offer a very generous re-location package to help you move/return to Greece.
* You can also benefit from the new foreign tax residence incentive, granting an income tax exemption of 50%.

## General Profile:

For the **Machine Learning Engineer** role, we require someone who has specialized depth and/or breadth of expertise, particularly in optimizing and deploying ML models in edge devices.

A successful candidate will have the ability to interpret internal or external business issues and recommend best practices. The role also involves solving complex problems; taking a broad perspective to identify innovative solutions.

The successful candidate must be able to work independently, with guidance in only the most complex situations and develop innovative solutions as part of proven track record of significant technology contributions.

## Main Responsibilities:

* Develops code and documentation for a variety of difficult software projects, and design and implement bug fixes.
* Troubleshoots a variety of difficult software problems. Performs software tests on code and enhancements.
* Interfaces with external customers regarding software issues.
* Follows Software Management Processes (i.e. Agile, Scrum).
* Impacts difficult issues on the product design and addresses future concepts, products or technologies.

## Required Skills:

* Have a strong foundation and discipline in Machine Learning/Deep Learning algorithms.
* Hand-on experience in deploying DNNs in edge devices (e.g. model compression techniques).
* Hands-on experience in Machine Learning/Deep Learning Frameworks and APIs (PyTorch, TensorFlow).
* Proficiency in Python, experience in C/C++ programming.

## Preferred Skills:

* Experience in Computer Vision algorithms (e.g. Face Recognition, Object detection etc.).
* Background in embedded system architectures.
* Linux development skills.
* Experience in image processing algorithms and frameworks (e.g., OpenCV).
* Familiar with multiprocessing and multithreaded programming.

## Why choose Applied Materials?

When you work at Applied Materials / Think Silicon, in addition to a competitive salary, you have access to a wide range of benefits, including:

* Financial & Savings benefits,
* Health & Wellness,
* Paid time-off,
* Insurance & Income Protections
* Medical plan,
* Meal Allowance
* Generous relocation package
* Development & Training opportunities.

## Company Facts:

* Ticker: Nasdaq: AMAT
* Fiscal 2020 Revenue: $23.1 billion
* Fiscal 2020 R&D: $2.5 billion
* Founded: November 10, 1967
* Headquarters: Santa Clara, California
* Global Presence: 93 locations in 17 countries
* Manufacturing: China, Germany, Israel, Italy, Singapore, Taiwan, United States
* Employees: ~27,200 worldwide
* Patents: ~14,300 issued