

OpenVINO GPU Optimization Engineer

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Company: Intel

Location: United Arab Emirates

Category: healthcare-practitioners-and-technical

Job Description

In this position you will be a part of OpenVINO Runtime Engineering team, and will participate in Deep Learning models optimization for Intel GPUs. You will be involved into the development of GPU Plugin for Intel OpenVINO toolkit. Your responsibilities will include: Efficiency analysis of existing algorithms and finding areas for performance improvement Implementation and low-level optimizations of kernels for Intel and 3rd party GPUs Optimizations of execution graphs and pipelines Enablement of new deep learning models from various domains in Intel OpenVINO toolkit.

Qualifications

Requirements:

- Strong knowledge of Computer Science
- At least 4 years of experience in programming
- C/C++/OpenCL programming skills
- Understanding of multithreading and multithreaded application design
- Knowledge of modern processor architecture
- Experience in low level optimization, vectorization

The following will be an additional advantage:

- Knowledge of Image Processing / Computer Vision, Machine Learning / Neural Networks

- Knowledge of modern Intel processors architectures
- Spoken and written English: Upper-Intermediate level or Advanced

What do we offer?

- Market-leading, competitive pay and benefits - quarterly pay bonuses, private medical plan, life insurance, lunch card, multisport/holiday card and many more (read about our benefits here).
- Flexible working time.
- Diverse and inclusive environment (read more about it here).
- Being a part of a socially and ecologically responsible company (read more about it here).
- Dedicated training for you during your first weeks at the company to make your transition into work easier and a personal buddy to help you build your network, answer any questions and integrate you into your position.
- Opportunities for professional development - wide library of online trainings and learning platforms, support and guidance from your team and manager, and different assignment programs.
- The possibility to build a lifelong career at Intel.

Inside this Business Group

The Network & Edge Group brings together our network connectivity and edge into a business unit chartered to drive technology end to end product leadership. It's leadership Ethernet, Switch, IPU, Photonics, Network and Edge portfolio is comprised of leadership products critically important to our customers.

Posting Statement

All qualified applicants will receive consideration for employment without regard to race, color, religion, religious creed, sex, national origin, ancestry, age, physical or mental disability, medical condition, genetic information, military and veteran status, marital status, pregnancy, gender, gender expression, gender identity, sexual orientation, or any other characteristic

protected by local law, regulation, or ordinance.

Benefits

We offer a total compensation package that ranks among the best in the industry. It consists of competitive pay, stock, bonuses, as well as, benefit programs which include health, retirement, and vacation. Find more information about all of our Amazing Benefits

This role is available as a fully home-based and generally would require you to attend Intel sites only occasionally based on business need. This role may also be available as our hybrid work model which allows employees to split their time between working on-site at their assigned Intel site and off-site. **In certain circumstances the work model may change to accommodate business needs.**

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