

**Mikhail Pedus**

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Address

Lucan

Ireland

Mikhail Pedus

Deep Learning Software Engineer

About Me

- 10 years of experience in IT industry, computer vision/neural networks algorithms development
- communication with international and global-distributed project team in English (intermediate) and Russian (native)
- ability to handle a variety of tasks and projects independently
- team-work skills

Experience

Nov 2022 - Present, AI Framework Developer, Intel RnD Ireland Ltd

Responsibilities:

- Tech-leader of small team (2-3 developers)
- Development of the **VPUX plugin** for **OpenVino framework**:
 - Neural network compiler development (using LLVM/MLIR):
 - * Adding new functionality (new layers/hardware features support)
 - * Adding support of new VPU generations
 - * pre-silicon validation of modern VPU's

Nov 2019 - Nov 2022, AI Framework Developer, Intel

Oct 2018 - Oct 2019, Software developer, Kalashnikov Concern

Responsibilities:

- Computer vision algorithms development

Nov 2017 - Oct 2018, Software developer, Videomatrix

Responsibilities:

- Computer vision algorithms development

Aug 2012 - Jul 2016, Software developer, MMC-Electronics

Responsibilities:

- People counting algorithms development.

Education

2010 - 2016, NORTH-CAUCASUS FEDERAL UNIVERSITY

master of Computer Science

Skills

Communication

- English (intermediate)
- Russian (native)

Soft

- good analytical/problem-solving skills
- fast to learn new skills/technologies
- committed
- self-initiative
- resourceful
- smart-worker

Hard

- C++
- SQL
- DeepLearning
- OpenCV
- Linux
- CMake
- Compilers
- LLVM
- Git
- Python
- OpenVino

Interests

Professional

neural networks, computer vision, virtual/augmented reality, self-driving car

Personal

Gym, cooking, playing the guitar, hiking