



**Mikhail Pedus**

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**Address**

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# 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 **NPU plugin** for **OpenVino framework**:
  - Neural network compiler development (using LLVM/MLIR):
    - \* Adding new functionality (new layers/hardware features support)
    - \* Adding support of new NPU generations
    - \* pre-silicon validation of modern NPU'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