



**Mikhail Pedus**  
pmikhailmail@gmail.com  
[github.com/MikhailPedus](https://github.com/MikhailPedus)

**Address**

Kaliningrad  
Russia

# 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 2019 - present, AI Framework Developer, Intel

Responsibilities:

- Development of the **VPUX plugin** for **OpenVino framework**:
  - Neural network compiler development (using LLVM/MLIR):
    - \* Adding new functionality (new layers/hardware features support)
    - \* pre-silicon validation of modern VPU's
  - VPU Runtime development:
    - \* Adding new kernels/layers support

### 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