# Evgeny **Bessonnitsyn**

*Saint Petersburg*

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## Education

**ITMO University** ⊕ ⓘ | *2020 - 2024*

BACHELOR OF **APPLIED MATHEMATICS AND COMPUTER SCIENCE** | *Saint Petersburg, Russia*

Information Technologies and Programming Faculty, **Computer Technologies** Department
- **Relevant coursework:** Algorithms and Data Structures, Linear algebra, Probability theory, Python, Java, Data analysis, Optimization methods, Machine Learning, Computer Vision, AutoML, NLP, Generative Deep Learning

## Relevant experience

**Bosch** ⊕ | *2023 November - now*

ML R&D | *Saint Petersburg, Russia*

Work in topology optimization project using generative deep learning. Used technologies: PyTorch, Optuna, Raytune, Variational Autoecncoders, Diffusion models, Transformer models.

**Statanly Technologies** ⊕ | *2023 April - 2023 November*

ML ENGINEER | *Saint Petersburg, Russia*

Work in projects related to solving computer vision problems like classification, detection, segmentation and image generation. Used technologies: PyTorch TensorFlow, Ultralytics.

**Yandex** ⊕ | *Summer 2022*

JAVA BACKEND INTERN | *Moscow, Russia*

An employee of the Kinopoisk team, was engaged in automatic uploading of video sports broadcasts. Used technologies: Spring, Ktor, Spring Boot, Spring Security.

## Scientific publications

**Frames Preprocessing Methods for Chromakey Classification in Video** | *2024 February*

VISAPP CONFERENCE | *Rome, Italy*

**Convolutional Neural Network Graph-based Embedding for Neural Architecture Search** | *2023 October*

YSC CONFERENCE | *Abu Dhabi, UAE*

**FAMLINN: Representation for Storing Neural Network Architecture** | *2023 October*

YSC CONFERENCE | *Abu Dhabi, UAE*

## Achievements

PERSONAL

**Winner,** All-Siberian Programming Olympiad | *April 2020*
**Winner,** Olympiad of St. Petersburg State University in Programming | *March 2020*

TEAM

**Participant,** START-1 competition from the Innovation Promotion Fund | *May 2023*
**Participant,** CODE-AI V competition from the Innovation Promotion Fund | *February 2023*
**Quarter finalist,** The International Collegiate Programming Contest | *October 2022*
**Winner,** All-Russian team programming Olympiad | *November 2020*

## Skills

**Programming Languages** | Python, Java (experienced); C++, Kotlin (familiar)
**Frameworks & Tools** | Spring, Jupyter Notebook, PyTorch, sklearn, Numpy, OpenCV, Ultralytics, PyTorch Lightning, Optuna