

Fedor Ivachev



Contact

GitHub: github.com/FedorIvachev

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Languages

English – C1, IELTS 7.5

Chinese – A2

Russian – native

Education

Bachelor in Applied Mathematics
and Computer Science:

Computer Algebra – 2015-2019

**Lomonosov Moscow State
University**, Moscow, Russia

Master in Computer Science:

Advanced Computing – HCI –
2019-2021

Tsinghua University, Beijing, China

PhD in Computer Science:

Advanced Computing - HCI –
2021-2025

Tsinghua University, Beijing, China

Summary

Computer Graphics & HCI researcher, working on **IoT + VR** solutions. I have strong background in competitive programming, physics and math.

Programming Languages: **C++, C#, Python** (writing regularly), **Swift, Java, JavaScript, Haskell, NASM** (have experience).

Tools, Libraries: **Git, OpenCV, Machine learning libraries, OpenGL, Graphics Profilers, Mobile APPs IDEs, Unity, IoT automation platforms.**

Experience

Teacher Assistant – 02/2021 to 07/2021

Tsinghua University, Beijing

- Human-Computer interaction course

Software Engineer - 02/2019 to 08/2019

Huawei Technologies Co., Ltd, Moscow

- Worked on the low-level Graphic Profiling Tools.

Intern- 06/2018 to 09/2018

Samsung RC, Ltd, Moscow

- Developed computer vision algorithms in 3D Avatar team.

Certifications

2012, 2013, 2014 - Summer Programming School

2014 - Top 100 at All-Russian Olympiad of Programming, 2014

2017 - Certificate of Practice in Web Apps Development,
Samsung RC, Ltd

2020 - Huawei Certification – AI (#01010200180806249751581)

Scholarships

2018-2019 - Full tuition for Lomonosov MSU Business School

2019-2021 - Chinese Government Scholarship

Publications

2019 - Ivachev Fedor: Modification of Algorithm for inverting matrices with elements from ring of scalar differential operators. Collection of abstracts of the best qualifying works of CMC MSU 2019. MAKES PRESS 2019: 88 (in Russian)