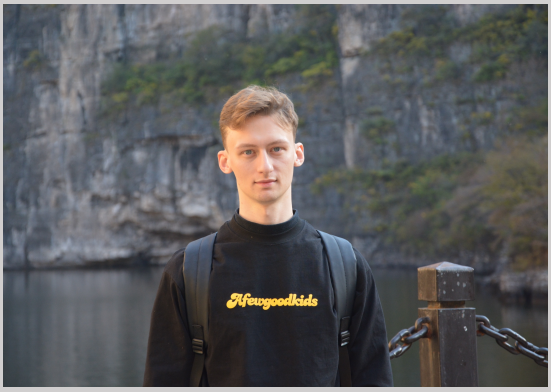
Fedor

Ivachev 费杰



Contact

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Languages

English – C1, IELTS 7.5
Chinese – B1
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 – **Tsinghua University**, Beijing, China

Summary

An aspiring developer who loves team work on projects, requiring analytical capacities. Recently have been working on **Augmented and Virtual Reality** projects, and on applying **Large Language Models (ChatGPT, GPT4)** to handle conversations about the user's context. Previously, I got strong background in competitive programming, physics and math.

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

Tools, Libraries: **Git, OpenCV, Machine learning libraries, OpenGL, Graphics Profilers, Mobile APPs IDEs, Unity, Blender, IoT automation platforms, OpenAI API, Azure Services, Huawei Mobile Services.**

Experience

Teacher Assistant – 02/2021 to 01/2022
Tsinghua University, Beijing
Human-Computer interaction course.

Software Engineer - 02/2019 to 08/2019
Huawei Technologies Co., Ltd, Moscow
Worked on 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 Russian National Olympiad of Programming
2017 - Certificate of Practice in Web Apps Development, Samsung RC, Ltd
2020 - Huawei Certification – HCIA-AI

Scholarships

2018-2019 - Full tuition for Lomonosov MSU Business School
2019-2024 - Chinese Government Scholarship

Publications (as first author)

[1] Modification of Algorithm for inverting matrices with elements from ring of scalar differential operators. CMC MSU MAKS PRESS 2019: 88 (in Russian)
[2] ClarifAI: Context-Aware Multimodal Ontological Annotation and Abnormality Detection Through Human-AI Collaboration. CHI 2024 (*CCF A top-level conference; under review*)