Fedor

Ivachev

Contact

GitHub:
github.com/FedorIvachev

WeChat: rod_iv

Email: rod_iv@outlook.com

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 **Advanced Computing** – 2021-…
Tsinghua University, Beijing, China

Summary

I am Junior Computer Graphics Developer & HCI researcher, currently work on IoT + VR solutions. I have strong background in competitive programming, physics and math. Have developed and published Apps for iOS, Android and Tizen OS.

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

Tools, Libraries: **Git, OpenCV, Machine learning libraries, OpenGL, Graphics Profilers, 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 - Full tuition for Lomonosov MSU Business School
2019 - 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. MAKS PRESS 2019: 88 (in Russian)