VSEVOLOD KVACHEV

SENIOR SOFTWARE ENGINEER

+ CONTACT

Date of Birth	February 18, 1995		
Current City	Kyiv, Ukraine -> Malmö, Sweden	Website	kvachev.com
Email	vsevolod@kvachev.com	GitHub	github.com/Rasie1

+ EXPERIENCES

Current: **Navcore Nextology – as C++ senior software engineer (contract work, remote)**

DigiNext.ru – as C++ senior software engineer (remote)

Logistic Tech – as C# back-end developer

Intel Summer Internship NN 2015 – as C++ OpenGL developer

Various projects as freelancer

Own projects:

glowy2d/glowy3d – graphics engine/framework/OpenGL wrapper (created for self-education)
c(x) – a programming language with generalized types, sets and functions
Various game drafts, ideas and prototypes, multiple completed hackaton and gamejam games
Colossal Citadels – a strategy game with turn-based factory building over procedural resource types
Various game drafts, ideas and prototypes, multiple completed hackaton and gamejam games

+ KNOWLEDGE

High Experience	**C++, Go, OpenGL/DirectX, Unreal Engine 4, .NET**
Some Experience	**Haskell, Python, Scala, Coq**
Tools & Technologies used	**Technologies:** bash, unix, docker, grpc, OpenGL ES, D3D11, glsl, hlsl, Unity, boost, CUDA, LiquidHaskell, Idris, SSReflect, Mono, R, OpenMP, MPI, AMQP, IBM i, boost, Node.js, v8, SQL databases (Postgres, etc), Java, Kotlin, Android, NoSQL databases, cassandra, redis, etc. **Team tools:** git, Agile, Scrum, GitLab, Redmine, Perforce, JIRA, etc. **Math:** Linear Algebra, Basic Machine Learning, Logic, Type Theory, Category Theory
Languages	**English** – Advanced (IELTS: 7 – 2017) **Russian** – Native **German** – Basic **Ukrainian** – Can read and understand **Swedish** – Beginner

+ EDUCATION

Higher Education	**Theoretical Computer Science and Information Technologies** **Bachelor** at Southern Federal University, **Institute of Mathematics, Mechanics and Computer Science in the name of I. I. Vorovich,** 2013-2017
Coursera	**Programming Languages –** University of Washington **From Nand to Tetris –** Hebrew University of Jerusalem
Summer Schools	**Intel Summer Internship 2015 NN –** Intel Corporation **Summer Supercomputer Academy 2016 –** Moscow State University **Bioinformatics Summer School 2016 –** Bioinformatics Institute **Programming Language Implementation Summer School 2017 –** Bertinoro, Italy

+ CONFERENCES & PUBLICATIONS

Programming Languages and Compilers 2017. Design and Implementation of Programming Language with Generalized Types, Sets and Functions

+ HOBBIES & OTHER

Indie solo gamedev, music composing, playing bass and guitar, progressive metal, photography (instagram)