

VSEVOLOD KVACHEV

SOFTWARE ENGINEER



+ CONTACT

Date of birth February 18, 1995

Current City Kiev, Ukraine

Email rasie111@gmail.com

Citizenship

Russian Federation

GitHub profile

github.com/Rasie1

+ EXPERIENCES

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

May 2016 – September 2016 – Logistic Tech – as C# back-end developer

Current: **DigiNext.ru** – as C++ and Go software engineer

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

+ KNOWLEDGE

High Experience **C++, C, Go, OpenGL/DirectX, Unreal Engine 4, C#/.NET, Unity, unix**

Some Experience **Python, Haskell, Coq, Scala, Java, SQL, Javascript, MPI**

Tools & Technologies used *Technologies:* bash, boost, docker, grpc, D3D11, OpenGL ES, glsl, hlsl, cocos2d-x, cmake, CUDA, OpenCL, SML, html, CSS, PHP, MySQL, PostgreSQL, NoSQL, Couchbase, AWS S3, Node.js, jQuery, Idris, ghc, Racket, OpenMP, MFC, WPF, Swing, Hibernate, Mono, R, scikit-learn, Swift, Objective-C, AMQP, redis, etc.
Team tools: git, Agile/Scrum, GitLab, GitHub, Bitbucket, Redmine, Perforce, JIRA, YouTrack
Math: Linear Algebra, Basic Machine Learning, Logic, Type Theory, Category Theory

Languages **Russian** – Native
English – Advanced (IELTS: 7)
German – 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 / Part I - 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

+ MISC. AWARDS

Prizewinner of Talented Youth Support Award 2009, established by President of the Russian Federation in April 6 2006 Decree "About supporting talented youth"

Creator of award-winning school website, won multiple competitions and one national school website competition

Won multiple regional and national competitions and contests in Social Studies, Law and Informatics

Received scholarship by Head of Administration of Zernogradsky District in 2012

"47 Hours" Hackaton - scored 3rd place in collaboration with Statzilla team

+ HOBBIES, ETC.

Music (playing in band), music composition, listening (favourite band: The Dillinger Escape Plan)

Reading (favourite books: I. Turgenev – Fathers and Sons, F. Kafka – The Castle, F. Dostoevsky – The Idiot)

2D Design, Drawing, Amateur Photography ([instagram](#))

Created multiple commercial & non-commercial websites in childhood

