

Curriculum Vitae

An independent python developer Sergei Ivanov

About Me

As a highly motivated and dedicated individual, I am always eager to take on new challenges and explore innovative solutions. I am proactive in seeking opportunities for self-improvement and value continuous learning. My attention to detail and strong analytical skills enable me to approach complex problems with precision and creativity. I am a team player and believe in collaborative efforts to achieve project success.

Education

Education	Start	End	Location	School	Status
Upper-Secondary	09.2016	06.2019	Narva	Upper-secondary school	Completed
Tertiary	09.2019	05.2021	Tallinn	TalTech	Uncompleted
Secondary	09.2007	06.2016	Narva-Jõesuu	School nr5	Completed
Undergraduate	09.2023	06.2026	Narva	Tartu College	In progress

My Skills

In this section, I would like to show my knowledge of speaking languages

English

I have been studying English for several years and can confidently communicate in both written and spoken form. I have experience in academic and professional settings, and I am comfortable using English for everyday conversations and business communication. English is the best language for me to use in daily activities because I can communicate with a greater number of people from all over the world.

English	Level	Speaking	Writing
Proficiency	Upper-intermediate	B2	B2

Estonian

I have acquired proficiency in Estonian through my studies and living experience in Estonia. I can engage in conversations, read and write in Estonian with ease, though I may still encounter some complex vocabulary in certain contexts. My military service helped me to gain better knowledge of Estonian, whereby I am going to take C1 exam and get a new certification.

Estonian	Level	Speaking	Writing
Proficiency	Upper-intermediate	B2	B2

Russian

Russian is my native language, and I am completely fluent in both spoken and written forms. I have an extensive vocabulary and can effectively use Russian for any communication purpose, including academic and professional contexts.

Russian	Level	Speaking	Writing	Mother's tongues
Proficiency	Proficient	C2	C2	True

Programming Languages

Algorithms, Data Structures; completed course about Java algorithms on Edx Harvard courses' portal; able to follow DRY and OPP principles; knowledge of implements and extends principles when defining classes.

Programming Languages	Proficiency	Technologies	Complexity
JavaScript	Intermediate	Next.js, React.js, Node.js	Simple
TypeScript	Intermediate	JavaScript	
Java	Intermediate	FSwing, Android Studio	
Python	Intermediate	GUI: Tkinter, customtkinter, openCV DataScience: Pandas, SciPy, Numpy	
C++	Beginner	openGL	
Rust	Beginner	Daemonize	

Data Bases

Throughout my programming journey, I touched upon various data bases such as Prisma, MongoDB, SQL. This CV part describes my experience and knowledge gained so far.

Data Bases	Proficiency	Skills
MongoDB	Beginner	Pagination: cursor, offset, CRUD: Creating, updating, deleting and mutating models Data base migration
SQLite	Beginner	SAME
Prisma	Beginner	SAME

Additional Information

Leetcode

My link is available at <https://leetcode.com/user0513YQ/>

I am committed to regularly solving coding challenges to enhance my coding abilities and stay updated with new algorithms and data structures.

Interest Fields

In my free time, I enjoy participating in coding challenges on LeetCode to further improve my problem-solving skills. Solving algorithmic problems is not only a hobby but also a way for me to continuously learn and grow as a developer; also, I love growing my garden and engaged in growing activities; I love learning Science and Applying Python to my daily commissions.

Commitment

My GitHub is available at <https://github.com/derweisskrag?tab=repositories>.

I am passionate about continuous learning and professional growth. I actively seek opportunities to attend workshops, webinars, and coding meetups to expand my knowledge and skills in software development. I believe that growth is an essential part of becoming a successful developer, and I am dedicated to pursuing it throughout my career.

My understanding of OOP

Programming languages deal with OOP in their own individual ways; despite this, there are four fundamental concepts in object oriented programming: 1) Encapsulation, 2) Abstraction, 3) Inheritance, and 4) Polymorphism; following these 4 concepts and applying DRY and Dynamic Programming principles, we can write clean, organized and working code.

Projects

The projects that I have developed include:

I have implemented the following games: Snake, GuessNumber, Suduko, TicTacToe. To build each of them, I used OOP - which is object oriented programming, one of the most fundamental principles in Computer Science.

Resume - My CV

This current project is also my project; while developing it, I was using reportlab library and faced various difficulties. To build it, I used OOP principles: Encapsulation, Abstraction, Inheritance, Polymorphism. Meanwhile I had to use various Python's decorators to achieve some critical functionality such as memoization, and format text; also, I cannot neglect the value of others: staticmethod, classmethod, property - all these decorators are vital when working with OOP in Python.