**Oleksandr Lazarenko**

3rd year student, dept. Mathematics & Informatics, Karazin Kharkiv National University

Born: Nov. 12, 2003 (age 18) Citizenship: Ukraine.

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## **Summary**

I am a zest for solving innovative problems. My key specializations are Python Big Data Engineering, and .NET Web Development. I focus on: theoretical and practical Computer Science, Object-Oriented Programming, Applied Mathematics, and Algorithms. I have repeatedly won prizes at Olympiads in Programming and Mathematics.

I am a hungry learner, eager to put new goals and persistent in their achievement. I tend to grow in a fast-paced environment. I am equally adapted for the team and independent work but like to make my own decisions. As a professional mathematician, I am responsible, systematic and attentive to details.

## **Technical skills**

* Core Programming skills: .NET Framework/Core, JavaScript, Python, XML/HTML/CSS, C++
* Python:
* Frameworks: Django, Scrapy
* ORM: SQLAlchemy, Peewee
* Analytics: Pandas, NumPy, Matplotlib, Seaborn, SciPy
* Automation tools: PyTest, cProfile, logging
* .NET:
* Languages: C#, VB.NET
* Frameworks: ASP.NET Core MVC, ASP.NET Web API
* ORM: Entity Framework Core
* Automation tools: NUnit, BenchmarkDotNet
* JavaScript:
* Front-End: React.js (w Material-UI & Styled Components, Redux), jQuery, Font-awesome
* Back-End: Node.js, Express.js.NET, EJS, TypeScript, npm/yarn
* Security skills: CSRF, XSS, CORS, SQL Injection
* Automation tools: Jest, testing-library/react, Mocha/Chai
* CSS:
* HAML: SCSS
* Frameworks: Bootstrap, Tailwind
* Platforms/OS: Windows 7/8/10, Linux (Ubuntu)
* RDBMS: MySQL, SQL Server, PostgreSQL, Apache Spark
* NRDBMS: MongoDB, Cloud Firestore, Apache Cassandra
* Environments: Docker (Docker Compose), Kubernetes (Minikube)

## **Work Experience**

* SoftServe IT Academy C# Online Marathon (Sep-Nov 2022)

During this training I received in-depth knowledge in creation of web-applications with ASP.Net Core MVC, SOLID principles, Version Control with GitHub. Also, I was working with the databases (SQL, EntityFrameworkCore, Linq to SQL), Multithreading and concurrency (Threads, TPL, Asynchronous programming), Unit testing of web application with NUnit.

## **Education and Certificates**

* 2020-2024 V. Karazin National University, Computer Science, Bachelor’s Degree.
* React - The Complete Guide (Hooks, React Router, Redux) (2022) - [Certificate of completion](https://www.udemy.com/certificate/UC-e886cc18-41e5-4a26-97ef-43d7f5fc2b50/), Udemy
* NodeJS - The Complete Guide (MVC, REST APIs, GraphQL, Deno) (2022) - [Certificate of completion](https://www.udemy.com/certificate/UC-bc2eb065-2c98-469f-aca9-67ab34179a87/), Udemy
* JavaScript Advanced (2022) - The Complete Guide - [Certificate of completion](https://www.udemy.com/certificate/UC-19a29d69-2968-4a25-abdc-b81301b81bf5/), Udemy
* 100 Days Of Code - Web Development Bootcamp (2022) - [Certificate of completion](https://www.udemy.com/certificate/UC-59016d8f-19c9-4421-99ea-411247d2a38b/), Udemy
* SQL - The Complete Developer's Guide (MySQL, PostgreSQL) (2021)
* Dr. Angela Yu: 100 Days of Code - The Complete Python Pro Bootcamp (2021) - [Certificate of completion](https://www.udemy.com/certificate/UC-5325fc74-6236-4ec2-9a2e-09538d53c314/), Udemy
* Python for Machine Learning & Data Science Masterclass (2022) - [Certificate of completion](https://www.udemy.com/certificate/UC-9cf27af5-6d57-427b-9e45-5aa810593faa/), Udemy
* Design Patterns in modern C++ (2021) - [Certificate of completion](https://www.udemy.com/certificate/UC-004f7b9b-1347-42f7-864a-1669dad6f5bc/), Udemy
* C++ Standard Template Library in Practice (2021) – [Certificate of completion](https://www.udemy.com/certificate/UC-da1cc77e-5a0a-4f66-b25d-a0b40c68147f/), Udemy

## **Languages**

* English –Intermediate (B1) in Speaking, Advanced (C1) in Comprehension/Writing
* Russian - Native Speaker
* Ukrainian – Native Speaker

## **References**

* GitHub: <https://github.com/AleXLaeR>
* LinkedIn: [https://www.linkedin.com/in/olexandr-lazarenko-0537a4244](https://www.linkedin.com/in/olexandr-lazarenko-0537a4244/)
* Website: <https://alexlaer.github.io>