

TATIANA KULAGINA

London, United Kingdom

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Highly driven Computer Science Master's student specialising in **Java OOP** and Concurrent Programming for backend systems. Driven by a deep curiosity for foundational concepts, beginning with **C** to master low-level systems details. Seeking a challenging **Graduate Software Engineer** role that demands active learning and provides the opportunity for rapid growth.

TECHNICAL SKILLS

Languages: Java, C, SQL, HTML/CSS, JavaScript

Frameworks & Tools: Spring Boot, Git, VS Code, IntelliJ, Docker

EDUCATION

Newcastle University, Newcastle Upon Tyne | Java
Computer Science, MSc

September 2025 - September 2026

- Advanced Programming: multithreaded software
- Software Development: OOP principles, core design practices, defensive programming techniques
- Software Engineering: agile, UML modeling, software lifecycle management
- Database Systems: RDBMS, ER modeling, SQL, NoSQL
- Web development: HTML, CSS, JavaScript
- Computer Networks: Linux, Shell, TCP/IP, routing, DNS

Harvard University, online

September 2025 - November 2025

Completed CS50 SQL course. Gained practical skills in querying, designing, optimising, viewing and scaling SQLite and MySQL databases.

21 School — 42 School, Moscow | C

April - September 2025

Private Institution

SimpleBash

- Engineered custom implementations of cat and grep CLI utilities in C, strengthening file I/O, dynamic memory management, and low-level programming.
- Implemented robust flag parsing and combination logic, including options for line numbering and pattern matching.

21string+

- Led a team of four to successfully implement the core functionality of string.h, including complex sscanf and sprintf utilities.
- Personally developed most of the sscanf functionality and several core string manipulation functions.
- Covered sscanf functionality with unit testing achieving 98% code coverage.

Harvard University, online

August 2024 - January 2025

Completed CS50x Introduction to Computer Science course. Developed foundational skills in algorithmic thinking, data structures, and software engineering by completing problem sets.

Moscow State Linguistic University, Moscow

September 2019 - July 2023

Translation and Interpretation, English and Portuguese, BA

ADDITIONAL WORK EXPERIENCE

Portugeeasy Online School

Teacher of Portuguese

March 2023 - August 2025

- Managed and executed over 15 two-month language marathons and delivered curriculum to approximately 45 groups of 3–6 people.
- Increased student retention by 30% via personalized teaching strategies.
- Provided tailored private lessons, adapting teaching methods to meet diverse student needs, levels, and learning styles. Including high emotional intelligence by supporting students who had recently relocated.
- Successfully prepared a student to pass the national A2-level language test.

Quicksilver Kamchatka Surf School, Kamchatka, Russia

Primary Surf Instructor

July 2023 - September 2023

- Led and managed up to three group lessons daily for 10–15 people, directing one assistant.
- Provided post-lesson video analysis of student technique, offering clear, feedback for improvement.
- Organised and adapted the daily lesson schedule based on real-time weather and ocean conditions.

Surf Instructor Assistant

August 2022 - September 2022

- Volunteered for a two-month period, providing direct safety and technical support during surf lessons.
- Contributed to student satisfaction and learning objectives by maximizing their wave count.