Eleonora Diakonova

el.diak00@gmail.com | 7785941264 | github.com/diakel | www.linkedin.com/in/el-diak
diakel.github.io/portfolio

Technical Skills

Languages:	Java, Python, C, C++, C#, SQL, PHP, Typescript, HTML, CSS, JavaScript
Testing / Tools:	JUnit, Selenium, Chai, Git, GitHub, React, Node.js, Stata, Unity, Oracle Database

Education

The University of British Columbia, *Bachelor of Computer Science*   Sept 2022 - May 2025
Notations: Dean's Honour List 2022

The University of British Columbia, *Bachelor of Arts - Honours Economics*   Sept 2018 - May 2022
Notations: Dean's List 2018, 2019, 2021; Trek Excellence Scholarship 2019

Work Experience

AV Support, UBC Sauder at Robson Square (Vancouver, BC) [Part-time]   Feb - Apr 2025
- Set up and disassembled AV equipment in the classrooms to ensure a smooth learning experience
- Delivered real-time technical troubleshooting and support for instructors, minimizing disruptions during lectures

Research Assistant, University of Toronto (Toronto, ON)   May - Aug 2024
- Improved research quality by identifying and fixing inconsistencies in the data through cleaning, preprocessing, and analysis, using Python (pandas, scikit-learn, and matplotlib libraries) and Stata
- Reduced data analysis times by 20% by optimizing the code and using different libraries and methods
- Strengthened the paper by contributing to the literature review, editing process, and visualizations

Sales Intern, BaltMedBusiness (Saint-Petersburg)   Jun 2019 - Aug 2019
- Handled part of the manager's communications, expanding the company's clientele and partnerships
- Proposed, built, and maintained a database of over 200 clients to streamline sales workflows
- Received a commendation from the Managing Director for outstanding performance

Technical Projects

Image Upload Website | *React, Node.js, Vite, AWS*   Jan - Apr 2025
- Created a website that allows users to upload their images (selected from a file system or sketched/AI-generated right on site) as part of an art installation project for a real estate firm
- Content was stored in an S3 bucket and transmitted through WebSockets to a virtual reality demo
- Worked on all parts of the project in a multidisciplinary team using Agile methodology, with the initial prototype receiving high praise from the client and being taken into further development

US Book Bans Visualization | *JavaScript, D3.js, HTML, CSS*   Jan - Apr 2025
- Created an interactive tool to visualize book bans in U.S. schools and libraries (2021–2024)
- Data was presented through clickable sunburst charts, a U.S. map, and date selectors for dynamic filtering by state, district, date, and genre
- Overcame complex technical and team challenges and received positive feedback from the instructor