Elena Voronin

Software Engineer

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🖥 TECHNICAL SKILLS

C, C++, Python, Unix/Linux, SQL, Data analysis, Risk Assessment, Financial Audit, Internal Controls, Git

✦ SOFT SKILLS

Emotional Intelligence, Teamwork, Stakeholder Management, Adaptability, Effective Communication, Critical Thinking

🌐 LANGUAGES

English	● ● ● ● ●
Russian	● ● ● ● ●
Romanian	● ● ● ● ●
Spanish	● ● ● ○ ○
Dutch	● ○ ○ ○ ○

🎸 INTERESTS

Travel and food, Reading fiction, K-pop, Pilates, My cat Loki

🎓 EDUCATION

Software Engineer
Codam Coding College
Oct 2022 – present | Amsterdam, The Netherlands
The only peer-to-peer coding school in the Netherlands, dedicated to educating software engineers based on a project based curriculum and collaboration.

Master in Economis
Academy of Economic Studies of Moldova
Sep 2012 – Jun 2014 | Chisinau, Republic of Moldova

Bachelor in Finance and Banking
Academy of Economic Studies of Moldova
Sep 2009 – Jun 2012 | Chisinau, Republic of Moldova

📚 COURSES

Data Visualization
AMS Institute
2023 | Amsterdam, The Netherlands
The goal of this course was to improve the insight, understanding, and the communication of data through a tool of choice.

∞ CODAM PROJECTS

cub3d
Explore ray-casting (C project)
Developed a 3D graphical maze navigation game using ray-casting principles, inspired by *Wolfenstein 3D*. Implemented dynamic first-person perspectives, wall textures, floor and ceiling color rendering, and interactive player controls using the miniLibX graphics library. Ensured robust parsing of map configuration files and smooth window management.

Minishell
Create your own shell based on bash (C project)
Developed a simple command-line shell in C, implementing core functionalities such as command execution, piping, redirections, and built-in commands. Ensured efficient memory management, robust handling of signals, and compatibility with POSIX standards to simulate bash-like behavior.

push_swap
Sort data on a stack (C project)
In my push_swap project, I implemented the radix algorithm to sort data with the least number of operations. The project involved using a set of instructions to manipulate two stacks, a and b, to sort integers in ascending order. My goal was to find the smallest sequence of operations to achieve the sorted stack. Besides radix, I explored other possibilities and decided on radix due to its efficiency for large sets of data.

💼 PROFESSIONAL EXPERIENCE

Internal Auditor

Omron Management Center Europe

Jul 2019 – Sep 2023 | Hoofddorp, The Netherlands

- Performed full cycle internal audits at Omron Headquarters and regional entities, based on the internal auditors' ethics code (IIA).
- Performed audit procedures, collected data, reviewed and analyzed audit evidence and evaluated risk areas.
- Pursued root causes of deficiencies and issues found during the audit, and followed the implementation of countermeasures.

Financial Analyst

Bitfury

Jun 2018 – Jun 2019 | Amsterdam, The Netherlands

- Created financial models based on data analysis to support organizational decision making.
- Developed financial plans and reports for organizational leaders.
- Developed automated reporting and forecasting tools for more efficient use of data (SQL, Excel)

Revenue Analyst

ServiceNow

Jan 2017 – Apr 2018 | Amsterdam, The Netherlands

- Responsible for the EMEA/APAC regions in terms of deal reviews, structuring.
- Responsible for liaising with the Sales team to approve revenue contract terms.
- Actively involved in the implementation of a new Revenue Accounting and Reporting tool, as a separate module in SAP.
- Prepared key reports as part of the month end close and on an as-needed basis.

Senior Associate Audit and Assurance

Deloitte

Sep 2013 – Dec 2017 | Chisinau, Republic of Moldova

- Lead the team during fieldwork on audit engagements, identifying the risks within various industries, preparing audit plans, establishing appropriate audit procedures and being directly responsible for the reporting process and communication with client management.