Sergey Frolov

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Skype	SAFrolov
Birth date/Place	15.04.1992, Moscow
Marital status	Single

Junior Java developer/mechanical engineer with managerial experience in medical research device industry. Willing to make a career pivot to software development. 2 Java certificates. Pursuing a BA in Computer Science, hold a MA in Radio Electronics and Laser Technologies (best 10% of the class).

Objective: Java Developer Internship at FinTech or MedTech

Skills & Competencies

Hard Skills	Java, C, C#, C++, HTML, CSS, SQL, Object Oriented Design (OOP, OOD), Design Patterns, abstract classes, interfaces, serialization, Spring, Git, GitHub, Eclipse, NetBeans, IntelliJ IDEA, Android Studio, Mathcad, Solid Works, Inventor, Zemax, Corel Draw, Adobe Software, Microsoft Office, Service Desk, 1C
Soft skills	Excellent communication, analytical mind, mathematical creativity, team management, learning ability, responsibility, intercultural flexibility
Languages	English (fluent), German (A2), Russian (native)

Professional Experience

2017 – 2020 **Senior Engineer** (Technical support to Swiss and German medical equipment for DNA analysis)

InterLabService Ltd (leading supplier for the Russian Molecular Diagnostics market, internationally active) https://www.interlabservice.ru/en/about, Moscow, Russia

- Managed the engineering department (6 people)
- Optimized information management process of requirements, contracts and service works using Excel and Service Desk
- Implemented E-Mail notification system for the state of inventory of spare parts
- Developed and corrected service manuals for company staff and user manuals
- Successfully adapted 12 registration projects of foreign medical devices (DePuy Synthes, Johnson and Johnson) for Russian Ministry of Public Health
- Monitored the equipment installation and instructed the personnel how to use it
- Optimized the work algorithm of the robotic station
- Finalized contracts with over 50 customers (Russian hospitals, private clinics and other medical companies) and 3 counteragents

Sep 2015 – Mai 2017 **Service Engineer**

- Service trainings (2 weeks) at HAMILON STAR (Hamilton, Switzerland), Bonaduz; Xiril (Tecan, Switzerland), Rotor-Gene, QIAGility (QIAGEN, Germany)

Education & Training

Sep. 2019 – Jun. 2021   **BA in Computer Science and Engineering**

Bauman Moscow State Technical University, Moscow, Russia https://bmstu.ru/en

Department: Computers, complexes, systems and networks

- **Relevant courses:** Algorithms & data structures, databases, Object-oriented programming, Interface-based architecture, Java, C#, C++, Mathematics for developers
- **Project:** Server-client application for optimizing the clinical analysis workflow. Doctors order analyses and access results digitally. Implemented in Java.

Aug. 2019 – Mai. 2020   **Java-developer Certificate**

Geek University (Mail.ru Group), Moscow, Russia https://geek-university.com

- Developed a network chat: server-client architecture
- Developed an android game (flight simulator, one player, 2D)
- Developed Web data storage service

Sep. 2017 – Feb. 2018   **Java-Developer Certificate**

Bauman Moscow State Technical University, Moscow, Russia http://en.specialist.ru

- Algorithms and data-structures
- Object-oriented programming and design
- Software Design Patterns
- Designed CSS-based table-less layouts

2009 – 2015   **MA Radio Electronics and Laser Technologies**

Bauman Moscow State Technical University, Moscow, Russia https://bmstu.ru/en

Specialty: Laser and Optic-Electronic Systems

Reference

Dmitriy Ostroverkhov, **Head of Engineering Department**

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