Nazirjonov Nekruz

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EDUCATION

ITMO University   St. Petersburg, Russia
Bachelors in Computer Science   *Sep. 2021 – Present*

PROJECTS

Coordinate Plane Analysis Web App | *Java, Servlets, JSP, JavaScript*   September 2022 – November 2022
- Implemented an MVC architecture for point analysis on a coordinate plane using Java Servlets and JavaServer Pages (JSP)
- Developed a dynamic JSP page with a user-friendly web form and real-time results visualization
- Integrated JavaScript for client-side validation and interactive features
- Deployed the application on WildFly, ensuring optimal configuration
- Enabled dynamic updates to the coordinate plane image based on user input
- Utilized HttpSession for tracking and displaying previous analysis results.

JSF Web Application | *JSF, ICEfaces, PrimeFaces, Hibernate, PostgreSQL*   November 2022 – January 2023
- Developed a JSF-based web application with interactive templates
- Utilized ICEfaces and PrimeFaces libraries for enhanced component functionality and validation
- Integrated PostgreSQL database with Hibernate for storing and retrieving verification results
- Implemented a Session-scoped Managed Bean for managing the list of verification results
- Configured managed beans using parameters in a dedicated configuration file
- Defined navigation rules between pages in a separate configuration file
- Ensured smooth transitions between the start page and the main application page

Database Development | *PostgreSQL, SQL*   September 2023 – October 2023
- Multi-tier Architecture: Designed high-performance information systems, optimizing functionality
- Database Fundamentals: Explored and leveraged databases' pivotal role in contemporary applications
- SQL Mastery: Developed advanced skills for precise and effective data manipulation
- Data Modeling: Engineered streamlined infological and datalogical models for efficient database design
- Entity-Relationship Modeling: Illustrated intricate data relationships through ER diagrams
- DDL Implementation: Executed precise scripts for creating and maintaining database objects.
- DML Utilization: Employed DML scripts to manage data, ensuring adherence to integrity standards
- Database Implementation: Successfully translated theoretical models into practical, operational PostgreSQL databases
- Scripting Expertise: Developed efficient scripts for creating, deleting, and managing database objects

COMPETITIVE PROGRAMMING ACHIEVEMENTS

- Republican Olympiad 2018 - bronze medal and diploma of the 3rd
- International Olympiad in Informatics 2019 and 2020 - certificate of participation
- Regional Olympiad in Informatics 2019 - 2nd

Technical Skills

Languages: Java, C/C++, PHP, HTML, CSS, JavaScript, SQL
Developer Tools: IntelliJ-based IDEs, Geany, Sublime Text, Code::Blocks
Operating Systems: Windows, Ubuntu, Mac OS