website: https://luevrata.github.io/personal-website/

Elizaveta Firsova

Year 3, Computer Science Major

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Technical Skills

Programming languages:	Java, JavaScript (Typescript), C/C++
Web Technologies:	React, Node.js, CSS, XML, JSON, HTML, REST APIs
Databases:	SQL Server
Testing:	JUnit, Cypress, Jest, Chai
Other:	Docker, Git, Jira, Jenkins, Accessibility, VS Code, Visual Studio, IntelliJ IDEA

Internships

Workday, Vancouver

Software Application Engineer Co-op | Jest, Cypress, Typescript, React, Jenkins, REST APIs   *09/2022 – 9/2023*
- Collaborated on building customer-facing web-based app using JavaScript/React and additional backend tools
- Configured RESTful APIs and proxy endpoints
- Built reusable component using CSS and Typescript as a part of internship project to enhance user experience and improve overall look of the website
- Ensured website accessibility compliance with WCAG and WAI-ARIA requirements
- Migrated the usages of React Redux to React Query
- Implemented automated testing using Jest and Cypress to ensure reliable software delivery

Technical Projects

EngageSense Application | Docker, Typescript, React, CSS   *08/2023 – present*
- Deployed the application using Docker and streamlined the deployment process
- Set up the foundational structure of the frontend repository using Typescript/React to optimize code organization
- Ensured a responsive UI by creating a viewport provider to enhance user experience across various screen sizes
- Implemented queries to efficiently retrieve and display images from AWS to optimize data retrieval and storage

Personal Website | JavaScript, HTML, CSS   *12/2022*
- Developed a WEB based Personal Website in JavaScript using VS Code
- Designed and developed UI Web forms using React, HTML, and CSS
- Deployed website using GitHub pages

Pumpkin Seeds Data Analysis | R, Data Analysis   *06/2022 – 07/2022*
- Built classification model for pumpkin seeds based on their characteristics
- Read the data from web into R and tided it
- Evaluated the best predictors for pumpkin seeds class prediction
- Calculated the accuracy of predictions in general and accuracy of predictions by class

Hackathon cmd-f 2022 | C++, OOP   *03/2022*
- Developed Voting System in C++ using Visual Studio
- This project provides voters accurate and live statistics of the percentage of the votes for each candidate, as well as the percentage of each candidate from each province of Canada
- Makes sure that each user got one vote in

College Attendance Management System | SQL Server, Python   *02/2022 – 04/2022*
- Built a database in SQL Server that stored information about users and student's attendance
- Developed user interface in Python using Visual Studio
- Programmed triggers to change, update, delete data from database

Snake Game | Java, HTML, XML   *11/2021 – 02/2022*
- Developed a game in Java (Android Studio) where user controls snake and consumes food units
- Designed and programmed Java graphical user interface using XML
- Used handlers to allow user to interact with the game using touch screen

Task Scheduler | Java, JUnit, JSON, OOP   *09/2021 – 11/2021*
- Developed an application in Java using IntelliJ IDEA to schedule user's tasks for a specific time
- Created JUnit tests to test JSON and base classes
- Created JSON classes to provide user an opportunity to write/read schedule to/from a file
- Designed GUI using Java Swing

Education

UBC, Vancouver   *09/2021 – present*
- 3rd year Undergraduate Computer Science student with specialization in Software development
- Cumulative GPA: 87.3/100
- Relevant Courses: Relational Databases, Algorithms and Data Structures, Artificial Intelligence
- Expected to graduate May 2025
- Awarded "Honor Roll Certificate"