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

Elizaveta Firsova

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Technical Skills

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

Education

UBC, Vancouver | Year 3, Bachelor of Science, Computer Science Major   *09/2021 – 05/2025*
- Cumulative GPA: 87.3/100
- Relevant Courses: Relational Databases, Algorithms and Data Structures, Artificial Intelligence
- Awarded "Honor Roll Certificate"

Internships

Workday, Vancouver

Software Application Engineer Co-op | Jest, Cypress, Typescript, React, Jenkins, REST APIs   *09/2022 – 9/2023*
- Collaborated on a cross-functional team to develop a real-time data gathering and analytics platform, resulting in a 30% increase in data processing speed
- Configured RESTful APIs and proxy endpoints to enhance app functionality
- Built reusable component using CSS and Typescript as a part of internship project to enhance user experience and improve overall look of the website, resulting in a 20% increase in user engagement
- Migrated the usages of React Redux to React Query for improved performance
- Implemented automated testing using Jest and Cypress to ensure reliable software delivery

Technical Projects

EngageSense Application | Docker, Typescript, React, CSS   *08/2023 – present*
- Led a team of three developers in creating a full-stack web application using React, Node.js, and MongoDB
- Implemented authentication and authorization features to enhance data security
- Implemented queries to efficiently retrieve and display images from AWS to optimize data retrieval and storage
- Deployed the application using Docker and streamlined the deployment process

Personal Website | JavaScript, HTML, CSS   *12/2022*
- Developed personal website using HTML, CSS, and JavaScript to showcase projects, and achievements
- Designed interactive web forms using React for an engaging user experience
- Hosted the website on GitHub Pages to showcase coding and design capabilities

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

Activities

Hackathon cmd-f 2022 | C++, OOP   *03/2022*
- Led a group of four students and won UBC CS Project Hub Prize
- Developed Voting System in C++ using Visual Studio
- Led a team to create accurate live statistics for vote percentages, with a focus on usability and real-time updates

Programming Tutor, Vancouver | Self-employed   *02/2022 – 04/2022*
- Created effective tutoring sessions by working closely with students to ascertain full understanding of key programming concepts like basic data structures and object oriented programming
- Offered insightful feedback and motivation to inspire students to work towards their goals
- Answered email message and telephone calls to provide quick assistance
- Reached a client base of five people