

Yegor Yeryomenko

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EDUCATION

University of British Columbia

B.Sc. in Computer Science, with Distinction

Vancouver, BC

Sept. 2020 – May 2024

Dean's Honour List

2020 – 2021

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, TypeScript, Swift, C/C++, Haskell, SQL, HTML/CSS, Bash

Frameworks: Spring Boot (Spring Web MVC), SwiftUI, JUnit, Mocha

Libraries: Spring Data JPA, Lombok, Bootstrap, scikit-learn, pandas, NumPy, Matplotlib, Chai

Tools: Git, Firebase, Postman, AWS, JDBC, IntelliJ IDEA, Gradle, Unix/Linux CLI

EXPERIENCE

Software Developer

Jan 2025 – Present

OlaTech Corporation

Winnipeg, MB (Remote)

- Develop backend applications using Java and the Spring Web MVC framework, integrating various APIs.
- Build dynamic JSP pages with tag libraries, along with HTML, JavaScript, and Bootstrap for styling and layout.
- Write efficient SQL queries to perform transactions in MySQL.
- Monitor state of various client Linux servers to keep them performant for clients.

Teaching Assistant – Applied Machine Learning

May 2023 – Jun. 2023

The University of British Columbia

Vancouver, BC

- Hosted post-lecture office hours, assessed student work, invigilated exams, participated on student forum.
- Gained experience in machine learning with Python, addressing student course-related concerns.
- Provided solutions to various technical challenges: e.g., environment setup, debugging student code.

PROJECTS

Interval Timer App | Swift, SwiftUI, Git

Aug. 2024

- Implemented customizable interval settings to allow users to configure set, rep, rest durations, and alert preferences.
- Integrated concurrent timer and stopwatch that preserve progress across app sessions.
- Enabled seamless background sound integration, allowing alerts without disrupting background sounds.

Sentiment Analysis with Naive Bayes | Haskell, aeson JSON, Git

Feb. 2023

- Created a CLI allowing users to train a model and use it to make predictions on their input.
- Performed preliminary data preprocessing to remove noise, resulting in model accuracy above 85%.
- Formulated a randomized data selection technique used in training and testing, saving model state.

UBC Course & Room Explorer | TypeScript, Node.js, Mocha, Chai.js, Git

Sept. 2022 – Dec. 2022

- Designed and iteratively developed app components in strict adherence to customer specifications.
- Verified expected behaviour on problems with unbounded number of solutions via expressive tests.
- Strengthened communication and teamwork skills by participating in an Agile scrum environment.
- Devised and implemented an efficient approach to perform a generic query on JSON data.

Formula 1 DBMS | Java, Java Swing, JDBC, SQL, Git

Jul. 2022 – Aug. 2022

- Collaborated with a team of 3 to build a DBMS prototype to manage formula 1-related information.
- Formalized SQL-DLL and helped with SQL-DML commands to facilitate the back-end functionality.
- Eliminated functional dependency by normalizing an entity-relationship diagram to the 3NF form.
- Accurately documented project check-in milestones to hit 96% of the project's requirements