

Zoya Zarei-Joorshari

LinkedIn | Github

Professional Experience

Bell Canada

May 2023 - May 2024

Student, Software Developer

- Developed and deployed a series of Python scripts that automated key aspects of the FibeTV trial, pulling data from multiple endpoints and uploading them to Jira, reducing 1500+ hours of manual labor by streamlining data collection and management processes.
- Created Python scripts for comprehensive analysis and reporting on FibeTV trial participant activity, enhancing communication and improving the overall management of the trial.
- Developed REST API wrappers to enhance code reusability and extensibility.
- Designed and implemented a MongoDB database with frontend to store and automatically update FibeTV trial participant data, streamlining management and retrieval of participant data and accessibility for project stakeholders.
- Developed automated performance testing, adding 20+ test cases to enhance test coverage, ensuring reliability and efficiency.
- Built GitLab pipelines to optimize the execution of test scripts and collection of data.
- Created a dashboard on New Relic to analyze the activity and performance of the FibeTV App, streamlining the access of data into one location.
- Participated in Agile Scrum development, fostering collaboration and communication.

Queen's University Faculty of Arts and Science

Jan 2021 - May 2023

Undergraduate Teaching Assistant

Course: Introduction to Statistics (STAT 263)

- Held office hours once a week to aid students.
- Aided students in understanding course concepts and going over homework.

Education

Queen's University

May 2025

Bachelor of Computing (Hons.) - Specialization in Computer Science

Relevant Coursework: Data Structures, Algorithms, Operating Systems, Computer Architecture, Game Design, Introduction to Artificial Intelligence.

GPA: 3.91

Technical Skills

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|-------------|-------------------------------------|-----------------------|
| • Python | • Object Oriented Programming (OOP) | • Jira |
| • Java | • CI/CD | • Confluence |
| • C/C++ | • Workflow Automation | • New Relic |
| • Linux | • Test Automation | • Elastic Stack (ELK) |
| • Git | | • Teaching |
| • GitLab | | |
| • REST APIs | | |