

# Zara Bahtanović

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## EDUCATION

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### International Burch University | Sarajevo, BiH

*Expected Graduation June 2023*

*Bsc. Eng of Information Technologies*

**Relevant Coursework:** Web Design and Development, Human-Computer Interactions, Data Structures and Algorithms, Mobile Programming, Software Engineering, Database systems, System Analysis and Design

### Riga Technical University | Riga, Latvia (Exchange Program)

*September 2021 - January 2022*

**Coursework:** Telecommunications Systems, Technology of Large Databases, Software Evolution, Discrete Structures

## SKILLS & TECHNICAL TOOLS

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**Languages:** Java, Python, JavaScript, React, HTML/CSS

**Tools:** JUnit, Selenium, Git

**Databases:** MySQL, MongoDB

## WORK EXPERIENCE

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### International Burch University | Sarajevo, BiH

*Demonstrator for Computer Networks Course*

*October 2022 - January 2023.*

- Conducted lab sessions for students enrolled in the Computer Networks course.
- Demonstrated the practical applications of various networking concepts, including OSI layers, TCP/IP protocols, and subnetting.
- Assisted students with completing tasks and exercises related to the course material.
- Helped create a positive learning environment by encouraging active participation and fostering a collaborative atmosphere in the lab sessions

## Projects

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### Spotify Selenium Automation | Java, Selenium, JUnit

- Developed automation scripts using Selenium WebDriver and Java to test the functionalities of Spotify web application
- Implemented test cases using JUnit framework to validate the correctness of various features such as login, search, playlists, and music streaming
- Documented the project and contributed to : <https://github.com/ZaraB-hub/Selenium-Spotify-Automation.git>

### Pokemon Index | ReactJS

- Designed and developed a Pokemon Index application, with a user-friendly interface for searching and displaying all existing pokemon.
- Provided a detailed view of each Pokemon including its name, image, and statistics.
- Built clickable links to redirect users to the official Pokemon website for further information.
- Documented the project and contributed to : <https://github.com/ZaraB-hub/pokemon-index..git>

### Connect Four Game | Rust

- Recreated a console-based interface for the classic game of "Connect 4", including representation of the game board and player pieces.
- Implemented features to allow user to customize game board dimensions and the ability to save/load game state at any point
- Documented the project and contributed to : [https://github.com/ZaraB-hub/connect\\_four.git](https://github.com/ZaraB-hub/connect_four.git)

## LEADERSHIP & ACTIVITY

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### Interact Club | Sarajevo, BiH

*Member*

*October 2018 - March 2019*

Interact is a Rotary-sponsored service club that brings young people together to develop leadership skills and help the community.

- Facilitated the organization of charity based gatherings to raise money for a school in Syria in partnership with UNICEF and other Interact Clubs.
- Coordinated gathering supplies and organizing a visit to an Orphanage in Sarajevo to spend a day teaching and engaging the children.

### **DOBA | Sarajevo, BiH**

*Translator and Team leader*

*September 2017 - May 2018*

Doba was a highschool project that simulates the work of state-level BiH government bodies. The project aims to connect young people from all over the country to participate in a simulation of the work of the House of Representatives and the House of Peoples of Bosnia and Herzegovina.

- Lead the Translating Team to translate official documents efficiently and in a timely manner.
- Translated and explained meanings of ideas to enable everybody to participate.
- Collaborated with the Project Leader to ensure the success of the project.

## **ADDITIONAL**

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**LANGUAGES:** Native Bosnian, Fluent English, Basic German (B1 Certificate)

**OTHER EDUCATION AND TRAINING:** Certification of Completion NEAR Development course (writing NEAR Contracts and building dapps on NEAR blockchain)