




**Richárd
Bólya**

DATE OF BIRTH:
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CONTACT

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Other: <https://github.com/bricsi0000000000000000>

Other: <https://play.google.com/store/apps/developer?id=B%C3%B3lya+Rich%C3%A1rd>

ABOUT ME

I'm a computer science engineer student at Széchenyi István University in Hungary. My hobby is programming and computer game development.

WORK EXPERIENCE

11/2019 - 03/2021 - Győr, Hungary

Application software developer

Arrabona Racing Team

My main job was to develop a live telemetry system for a Formula Student race car.

I have participated in the team's driverless car development too and I was handling the team website.

29/03/2021 - CURRENT - Budapest, Hungary

Junior .NET developer

N-Ware

EDUCATION AND TRAINING

01/08/2018 - CURRENT - Egyetem tér 1., Győr, Hungary

Computer Science Engineering BSc

Széchenyi István University

<https://uni.sze.hu/>

01/08/2013 - 28/06/2018 - Szent István út 7., Győr, Hungary

Computer system maintenance

Győri Szakképzési Centrum Jedlik Ányos Gépipari és Informatikai Technikum és Kollégium

<https://jedlik.eu/>

LANGUAGE SKILLS

MOTHER TONGUE(S): Hungarian

OTHER LANGUAGE(S):

English

Listening B2	Reading B2	Spoken production B2	Spoken interaction B2	Writing B2
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German

Listening C1	Reading C1	Spoken production C1	Spoken interaction C1	Writing C1
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DIGITAL SKILLS

European Computer Driving Licence ECDL / Linux / Unity Engine / Visual Studio / Visual Studio Code / Cisco CCNA Routing & Switching

Programming languages

C# / Python / JavaScript / C++

Software development tools

Git / Docker

PROJECTS

09/2019 - CURRENT

● **Live transmission, storage and analysis of telemetry data from a racing car**

The topic of the project is the live transmission, analysis and storage of telemetry data from a Formula Student racing car.

I have to send the data from the car to the server via the 4G mobile network, with which a Windows application, that I written, can communicate, receive the data and display it in a way that is accessible to the race engineer.

In this software, in addition to live telemetry, it is possible to compare and analyze the different races of several pilots on the racetrack.

The technologies used in the project are: C # programming language, EntityFramework, web API, WPF application, ASP .NET, Python programming language.

05/2020 - 15/12/2020

● **Arrabona Racing Game**

<https://play.google.com/store/apps/details?id=com.ArrabonaRacingTeam.ArrabonaRacingGame>

This project was about making a mobile game. The theme of the game is the world of Formula Student. The player can build their own Formula Student race car or compete with other players on the team's previous cars.

02/2019 - 06/2020

● **Web application for production line scheduling**

<https://github.com/bricsi0000000000000000/vue>

In this project, I created a web application that helps with production line scheduling, which is able to visually show the production process of the products received as input.

COMPETITIONS

01/2017 - 31/03/2017

● **Interneten játszható számítógépes játékkészítő pályázat 1. place**

This competition required the creation of a computer game with the theme of climate change. In the game you have to jump from ice floe to ice floe with a penguin and avoid the scattered trash.

<http://richard.bolya.eu/games/pingvin/index.html>

09/2019 - 13/12/2019

● **Szinti Snake - 1. place**

In this competition, for the game called Snake, I had to write a program to control the snake. With other words, I had to make the "brain" of the snake. In the game 2 such snakes were released in one arena and the best won.

<https://www.facebook.com/events/879876072414536/>

HOBBIES AND INTERESTS

● **Computer game development**

Ever since I got a taste of programming, my main hobby has been making computer games. Since then, I've made a lot of games, some of which are available on [Google Play](#) and on [my website](#).

<http://richard.bolya.eu/>

● **Rubik's cube**

One of my hobbies since I was in elementary school is solving the Rubik's cube. I have been in competitions, and since then it has become another passion. I can solve not only the traditional, but also "cubes" of different sizes and shapes.

DRIVING LICENCE

 **Driving Licence: B**