

# Nordin Belkacemi

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🌐 [nordinbelkacemi.github.io/resume](https://nordinbelkacemi.github.io/resume)

I am a university student, who was formerly enrolled in a mechatronics degree and made the switch to computer science. I speak fluent Hungarian, English, French and know a little bit of German. Now starting my 6<sup>th</sup> semester, I am nearing the end of my bachelor's degree (expected to graduate in January 2023) and looking for a part-time job or internship in the field of AI.

## 🎓 Education

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**Budapest University of Technology and Economics (BME)** (2019-2023)  
Computer Engineering BSc.

**Coding Bootcamp in Montreal** (Summer 2018)  
Full Stack Web Development in Ruby on Rails

**American International School of Budapest** (2012-2015)  
High School and IB Diploma

**French School (Lycée Français Gustave Eiffel de Budapest)** (2004-2012)

## 👜 Work Experience

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**University teaching assistant at BME** (2020 Fall semester)  
I answered students' questions about assignments and graded final projects (basics of programming in C).

**Web development freelancing** (2020 - present)  
I built a website using the Ruby on Rails framework and deployed it on Heroku. I perform small database cleanups, maintenance and add features at my client's request about once a year.

**Ind-App Kft.** (Summer 2018)  
Owner of the company. Provided technical support to employees.

**Math tutoring** (2017 - 2020)  
I taught mostly 11<sup>th</sup> and 12<sup>th</sup> grade students preparing for their IB exams.

**Volunteer work at Roskilde Festival in Denmark** (Summer 2017)  
Recycling of used plastic for protection of environment purposes.

## 🔧 Tools and Skills

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- Ruby, Ruby on Rails
- C
- Python, NumPy
- C++
- Java
- HTML, CSS, Sass, JavaScript
- Android development, Kotlin
- Flutter
- C#, .NET, SQL, T-SQL (and other data-driven systems tools)

## 🔗 Notable Projects (See more at [nordinbelkacemi.github.io/resume](https://nordinbelkacemi.github.io/resume))

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### Compression Engine

Written in C, it compresses text files using Huffman coding and produces a visual graph of the Huffman table.

### Nutri

Final project of the Le Wagon bootcamp. This is a nutritional website we developed in a team of 3 people using the Ruby on Rails framework. I was in charge of most of the backend but also contributed to front-end tasks.

### Dzsuzz

A website that I built with Ruby on Rails for a client who needed to keep track of the exact amount of each ingredient needed to make juices and keep up with incoming orders.

## Hobbies

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- Music: I have been producing music for 9 years and I enjoy learning about the craft of recording engineers.
- Sports: Before high school, I played basketball at Vasas Sport Akadémia, then later joined the Budapest Bulls organization. Due to injuries and the start of my university studies, I couldn't keep competing but I still play from time to time.