

# ADAM HAJEK

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Software engineer

## LANGUAGES

C/C++  
Java  
SQL  
Bash  
.NET  
ProLog  
LiSp  
LATEX  
Assembly  
Python

## LIBRARIES / FRAMEWORKS

Ncurses  
Curl  
Angular  
Spring  
Springboot

## TECHNOLOGIES

Git  
Docker  
Kubernetes

## EXPERIENCE

- 11/2022 – 12/2023 **Reservantor** Technology Java - FIT CVUT  
Implemented and designed Reservantor a reservation systems back-end RestFul API, which uses a SQL database, it serves Trainees and their Coaches, while also matching Trainees for matches against each other. Contains multiple unit, integration, and system tests. Project is scalable, since a CLEAN convention is used for implementation.  
Java / Springboot
- 2/2023 – 3/2023 **WallpaperSwapper** Free and Open Source Software  
Built a wallpaper changer that gets the current Astronomical Picture of The Day from NASA API, makes it into the user-specified Width x Height ratio and sets the result as the current Wallpaper every day.  
C++
- 3/2022 – 6/2022 **Bombberman** Programming and algorithmization - FIT CVUT  
Created a console clone of the original Bomberman game, the enemies have their own behavioral AI for pathfinding and attacking. It has local multiplayer and multiple levels.  
C++
- 6/2022 – 9/2022 **6 minut pro zdravi** 6minutprozdravi.cz  
Developed a full-stack app running a .NET back-end RestFul API and an android application that tracks users walking speed and send it to their pediatrician. The application is written for deployment in Cloud computing.  
.NET / Angular
- 2020 – today **Competitive programming** codewars.com / leetcode.com / codeforces.com  
hobby Represented my faculty in competitive programming which I often pursue in my spare time, some of the most recent problems I solved are public on my GitHub.  
C++

## EDUCATION

- 2021 – 2025 **Bachelor's Degree** Czech Technical University - Faculty Of Information Technology  
Studying Software Engineering.
- 2017-2021 **Graduation** Grammar School of Dr. Vaclav Smejkal

## LANGUAGES

**Czech** - native  
**English** - C1 (CAE)  
**German** - B2 (DSD1)

## HOBBIES

In my spare time, I sometimes develop software for my own usage in my Linux system and partake in competitive programming.

## NON PROFIT

I partake in my badminton club as a group coach.