ADAM HAJEK

Software engineer

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LANGUAGES

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

LIBRARIES / FRAMEWORKS

Ncurses
Curl
Angular
Spring
Springboot

TECHNOLOGIES

Git
Docker
Kubernetes
OKD

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. Scalability is an option since RESTFUL 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 in to the user specified Width x Height ratio and sets the result as current Wallpaper every day.

C++

3/2022 – 6/2022 — **Bomberman** — **Programming and algoritmization - FIT CVUT**

Created a console clone of the origininal 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 sends it to their pediatrician. The application is written for deployment in Cloud computing.

.NET / Angular

2020 – today (hobby) — **Competitive programming** — **codewars.com / leetcode.com / codeforces.com**

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 Intformation 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.