

Bogdan Mitrović

📍 Belgrade, Serbia ✉ bogdan@bool3max.win ☎ 064 1299186 🔗 bool3max.win 📱 bool3max
🌐 bool3max

Education

School of Electrical and Computer Engineering
Bachelor appl. in Computer Science

Belgrade, Serbia
Jun 2021 to Jun 2025

Achievements

MATF SUMA Hackathon - 1st place

Apr 2023

- Participated in a 24-hour hackathon, collaborating with my team to design an innovative solution in the field of education.
- Awarded 1st place out of 10 teams.
- Built **Anybook**, a cross-platform mobile app aimed at helping children learn about the world around them using dynamically AI-generated short stories complete with digital illustrations and text-to-speech audio.
- **Technologies used:** Flutter, Dart, Python, Flask, JSON

Projects

musicdash [🔗](#)

2024

- Built a prototype social-media-like service allowing users to link their Spotify account and track song listens in real-time, preserving them in a database and allowing one to derive various interesting statistics about music listening habits over a period of time.
- Tools used: Go, Gin, PostgreSQL, Docker, OAuth, JSON

bhashmap [🔗](#)

2023

- Developed a fully featured standalone hash table library implementation in C.
- Tools used: C, meson

p3elf [🔗](#)

2022

- Developed a Python library with an accompanying CLI app for parsing and inspecting ELF ("executable and linkable format") files.
- Tools used: Python

bbmp-utils [🔗](#)

2022

- Developed a native C library for parsing BMP image files and manipulating image data (rotating, cropping, etc.)
- Tools used: C, meson

butf8 [🔗](#)

2020

- A tiny C library for decoding UTF-8 text data into Unicode codepoints, written as an exercise.
- Tools used: C, meson

Quizz [🔗](#)

2021

- Built a fully featured web application for creating and taking interactive multiple-choice style quizzes.
- Tools used: Javascript, JQuery, Bootstrap, SQLite, Python, Flask, JSON

Technologies

Languages: C, C++, Go, Python, Javascript, Dart, Bash

Technologies: Linux, Bash, Git, GDB, PostgreSQL, SQLite, Redis, Meson, CMake, Docker, FastAPI, Flask, NodeJS, Flutter, Microsoft Azure, Google Cloud Platform