

Wiam El Kassah

Software Engineer

+212708020347

elkassahw@gmail.com

martini.github.io/portfolio

linkedin.com/in/wiam-el-kassah

PROFILE

Software engineer based at 1337 (42 Network), specializing in backend and systems programming in C/C++, with experience building full-stack applications. Interested in scalable systems and performance-critical software. I approach every project with intention and an obsession with getting it right

SELECTED PROJECTS

Project Hub

github.com/21

- Real-time collaboration platform with team workspaces, live kanban, chat, and multiplayer games
- Live updates via WebSockets; designed scalable backend architecture for concurrent users

webserv

github.com/webserv

- HTTP/1.1 server in C++ from scratch — no external libraries
- Handles request parsing, routing, CGI, and concurrent connections via `poll/epoll`; emphasis on protocol correctness and memory management

skinnk

github.com/skinnk

- URL shortener with custom aliases and analytics — React/TS, Express, PostgreSQL, Docker

Mosaico

github.com/mosaico

- Tile customization and ordering tool built for a real client with layout rendering and order workflow

EDUCATION

1337 School (42 Network), Computer Science

Benguerir, Morocco · 2023–Present

Project-based engineering programme · Level: 11.75

ESTS, Bachelor's in Computer Science

Safi, Morocco · 2022

TECHNICAL SKILLS

Languages: C++, C, TypeScript, JavaScript

Backend: Node.js, PostgreSQL, REST APIs

Systems: Networking, Concurrency, Memory Management

Tools: Git, Docker, Linux

LANGUAGES

English (intermediate) · French (intermediate) · Arabic (native)