Chakib OUZANE

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Education

MSc	**Master's degree in Computer Science** **ESI SBA (l'École Supérieure d'Informatique - Sidi Bel Abbes)** **Specialty:** Computer Systems Engineering (ISI)	2020 – 2025 Sidi Bel Abbes, Algeria

Professional experience

Internship at CESI LINEACT Research Lab, Network security   2025
                                                                                 Aix-en-Provence, France

- Comprehensive literature review of Researches on security in IoT Networks.
- Simulation of Flooding Attacks on RPL networks in IoT, and possible mitigation techniques using Federated Learning.

GSH (Groupe Sociétés HASNAOUI), Network security & Software Ingeneering   09/2023
                                                                                  Sidi Bel Abbes, Algeria

- Experimentation with the SOPHOS software by setting up virtual environments to test its features.
- Created the initial version of the Sodea website (Next + Sanity), a subsidiary of GSH. You can view my work here: github.com/ch33kaboo/sodea ↗.

Projects

Tic Tac Fun   03/2025
                                                                                  tictacfun.live ↗

- A collection of Tic-Tac-Toe game variations, built with modern web techs.
- Technologies used: SvelteKit, Svelte 5, Tailwind, Supabase.

Jeunesse Volontaire   2024
                                                                                  jeunessevolontairesba.dz ↗

- A Website + Platform built for an environmental organization.
- Technologies used: SvelteKit & Svelte, Supabase, Sanity CMS, Zod, Tailwind.

Alphabit Club Community Website   2023
                                                                                  github.com/ch33kaboo/alphabit-website ↗

- Developed a website for the AlphaBit Club community, visitors can explore the club's events, partners, blog, podcasts, and other information.
- Technologies used: Svelte, Tailwind CSS, DaisyUI, Github as a CMS, Fetch API.

Alphabit Club Official Website   2023
                                                                                  www.alphabit.club ↗

- I worked with a team to develop a website for the AlphaBit Club, main goal was to attract companies to finance the club events.
- Technologies used: React, Tailwind CSS, Headless UI, Firebase, Axios.

Innovium   03/2023 - 06/2023
                                                                                  github.com/boite-informatique/startup-front ↗

- A web application to digitize the application process for startups and final-year projects, developed as part of my 3rd year in a team.
- Technologies used: Svelte TypeScript, Tailwind CSS, DaisyUI, svelte-i18n.

ESI Hub   03/2022 - 06/2022
                                                                                  github.com/boite-informatique/esi-hub-backend ↗

- Contributed to the backend development of a social network platform for students at ESI SBA, developed as part of my 2nd year in a team.
- Technologies used: Node.js, Express, MongoDB, Mongoose, JWT, Multer, Socket.io, Nodemailer, Joi (schema validation).

Organizations

Alphabit Club - Developer (Volunteer)
- Member of the development team responsible for creating and maintaining the Alphabit website, authoring hackathon challenges, and performing other technical tasks during events.

2022 - 2024
alphabit.club ↗

Internationale Jugendgemeinschaftsdienste (ijgd)
- Completed ijgd training (Germany) on youth work and group leadership, allowing me to lead international workcamps in Germany and other EU countries.

2024
www.ijgd.de ↗

Skills

Languages: JavaScript, TypeScript, Python, SQL.

Frontend: Svelte & SvelteKit, React, Tailwind CSS.

Backend: Node.js, Express.js, NestJS.

Databases: Supabase, MongoDB, PostgreSQL, Redis.

Tools & Other: Git & GitHub, Docker, Vercel & Netlify, Linux & Scripting.

IT Systems: Networking, IoT.

Languages

Arabic	**English**	**French**	**German**
Native language	Fluent	TCF C1 - Advanced level	Goethe-Zertifikat A1

Volunteering

Jeunesse Volontaire (2016 - 2024)
A local environmental and social action organization.

IJGD - Camp for Future (08/2018)
A volunteer workcamp focused on anti-coal activism, organized at the Hambach Forest, Germany.

IJGD (08/2019 - 09/2019)
A volunteer workcamp in Bärnau-Tachov, Germany, for the maintenance of a local historical park.

IJGD (08/2023 - 09/2023)
A volunteer workcamp in Neunkirchen, Germany, to assist with the showcasing of art exhibitions.

IJGD (08/2024 - 09/2024)
A workcamp leader for "Your summer at a green oasis" workcamp, Gahlen, Germany.

Interests

Cybersecurity, Internet Freedom, FOSS (Free Open Source Software), Web3, Football, Geography, Sustainability, Traveling and discovering other cultures.