

OMEIR HAROON

SOFTWARE DEVELOPER

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Lisbon, Portugal

[LinkedIn](#) [Github](#) [Project Repo](#)

SUMMARY

Dynamic and results-focused Software Developer with proven experience leading initiatives and fostering collaboration between students and faculty. Skilled in Python, systems administration, and project coordination. Strong interest in cybersecurity and server administration, with hands-on experience in development and tech workshops.

WORK EXPERIENCE

CADI-FCUL Student Representative and Head & Coordinator, IT Projects Club

Lisbon, Portugal
2024 - PRESENT

- Lead and organize club initiatives, serving as the main contact point between the club and external stakeholders (faculty, administration, other student bodies, etc.).
- Act as liaison between IT students and faculty, representing student interests in departmental decisions.

EDUCATION

FACULTY OF SCIENCES Computer Engineering
Incoming Master's Student, University of Lisbon

Lisbon, Portugal
EXPECTED START: SEPT 2026

FACULTY OF SCIENCES Computer Engineering
Bachelor's from University of Lisbon

Lisbon, Portugal
2023- 2026

Tech stacks: Git/GitHub, Python, Java, Assembly, MySQL

42 LISBOA Software Development

Lisbon, Portugal
2022 - 2025

Part of the prestigious 42 network, ranked among the top institutions for innovative education in the WURI (World's Universities with Real Impact) ranking.

HIGHLIGHTED PROJECTS

Transcendence | TypeScript, SQLite, PHP, JavaScript, Docker

- Designed and developed a scalable web application for a real-time multiplayer Pong contest, using TypeScript and Tailwind CSS for the frontend, Fastify with Node.js for the backend, and SQLite for the database, enhancing performance and user engagement through features like remote multiplayer, tournaments, live chat with invitations and notifications, match history, and AI opponents.
- Implemented and optimized infrastructure with Docker for containerization, ensuring seamless deployment and compatibility across multiple browsers and languages.
- Developed and integrated RESTful APIs with Fastify and Node.js, incorporating JWT for authentication and 2FA for security, enabling seamless data processing, real-time interactions, and server-side game logic.

Minishell | C

- Developed a **custom UNIX Shell implementation** using C.
- Implemented a user prompt, command history, path-based command execution, signal handling, quoted text processing, input/output redirection, command piping, variable substitution, exit signals, and low level programming.
- Developed wildcard functionality support and signal management upon core functionality completion.

LANGUAGES

- English (Native)
- Portuguese (Native)
- Memon (C1)
- Urdu (B2)
- Hindi (B2)

SKILLS

- Project Management
- Problem solving
- Teamwork
- Time Management
- Systems & Administration
- Cybersecurity
- Databases & Cloud

CERTIFICATIONS & EVENTS

- Futurália (2023, 2024) – Lisbon
- WebSummit (2023, 2024) – Lisbon
- Oracle Optimization Workshop – Crossjoin Solutions (May 2025) – Lisbon
- Build & Deploy Blazor WebApp in Azure (Nov 2024) – Lisbon
- Power BI (Oct 2024) – Lisbon
- Comic Con Portugal Volunteer (Dec 2022)