

Wael Karram - Curriculum Vitae

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Executive Summary: *Motivated self-learner, thirsty for knowledge for its own sake.*

Professional Experience

2022 - Present

IT Consultant, Escalated Issues – Toto-Winner

Tier 2 and 3 IT, intra and inter-organizational support:

Critical systems monitoring, solving escalated Tier 1 & 2 problems. Good handling under high stress and short time frames.

Active Directory, windows systems, mail, server issues, systems monitoring, (IP) telephony and remote PoS/PoA troubleshooting and administration.

Excel, Word, MS 365, Nagios, CRM, Zabbix, Grafana, AWS, Jira, SAP, back-end, front-end, compliance, SaaS, docker.

2025

IT Manager, Local Point of Contact – Tiltan Collge, Haifa

IT Manager, intra-organizational support:

System Administrator, solving all end-user IT problems in the college.

Wide-ranging responsibilities: including (but not limited to) direct IT solutions applied to hardware, networking, server management, DNS, Email, LMS (Moodle, Orbit), MS Teams, Zoom, storage management (local, cloud), Salesforce, SAP and WordPress.

Automated systems for lead generation and marketing, developed in-house in conjunction with the sales and marketing department.

2024 - 2025

Parliamentary Advisor and Aide – The Knesset

Focused on English communication, linked to Science and Technology Committee.

English/International communication, formal letters to international governance bodies.

2021 - 2024

Teacher for Spoken Arabic – Madrasa NGO

Teacher of spoken Arabic for non-native speakers of various age groups and backgrounds.

2021

Programming Teacher – Hand in Hand School

Programming teacher for 7th to 9th grades - in Python. Can manage dynamic situations and diverse groups.

2010 - Present

Self-Hosted Sysadmin, IRC NetOp - TeapotChat & WaelkTech both at teapot.chat and waelk.tech with their respective servers.

Skills Acquired: Administration of IT infrastructure, ranging from servers (hardware and VPS), communication and tools (such as web or mail) all the way to custom applications running on top.

Network management and wiring, router management, adept with OpenWRT, and various tools and software such as: nginx, lighttpd, apache, version control (git, cgit, gitea, mercurial), systemd, prosody (XMPP), Redis, PostgreSQL, SQLite, OpenSMTPd, Dovecot, rspamd, Gemini Protocol, Gopher Protocol, NTP, SSH, Telnet, auditd, containers, VMs, system monitoring tools, imaging, APIs, SSL/TLS, intrusion detection and others.

Knowledgeable of IRCds such as ngircd, solanum/charybdis and unreal - including Atheme and Anope.

2016 - Present

Free Software Creator, Maintainer, Contributor and User Support - Parabola GNU/Linux, Libreboot & others.

Various projects: [Parabola GNU/Linux Distribution/OS](#) (wiki, issue tracker), [Libreboot](#), and [Metronome](#) - which is a tool for musicians I created and maintain, used by a school in Europe.

Full list of [projects](#), and more git forge accounts: [notabug](#), [codeberg](#), [github](#).

Skills Acquired: Software testing and packaging, user support (IRC, mail, forums), bug reports/tracking, software patching (git + email), Wiki editing/writing documentation, containers and build systems, SPI/UART/I2C, Java and Android programming, package management, software testing, rollout, patching and upgrade lifecycle as a package maintainer, and I maintain my own public Pacman Repositories.

Education

Computer Science BSc and Entrepreneurship BA – Reichmann University

Computer Science BSc and Entrepreneurship BA, International School - Reichmann University. Notable courses: grade of 99 in Operating Systems, and 90+ in UI/UX, Data Science, Legal and Tax among others. Especially of note is the Venture Creation Capstone Project, with a grade of 94: winning team of the cross-vertical competition. Projects in IoT course.

Adept at startup and market fundamentals, experience interacting with startups and investors.

School Diploma/Bagrut – Sisters of Saint Joseph School - Nazareth

Extra-Curricular Activities

2012 - Present

Digital and Analog Electronics, mostly focused on audio-related electronics. Enough experience with Vacuum Tubes to service amplifiers.

Skills Acquired: Soldering, familiarity with electronics and electronic circuits - especially audio amplifier designs.

2008 - Present

Guitarist (classical and electric), vocalist and choir singer. Various bands, and two years in the Reichmann University Choir, Experience with audio recording and studios.

Skills:

Trilingual, native speaker of *English, Arabic and Hebrew*. Some *German and French*.

Programming: *C (make, GCC), Java (Gradle and Maven), C++, Python, Bash, Zsh, C#, SQL, PHP, JS, Go*.

Structured/markup languages: *HTML, XML, Markdown, *roff/groff, JSON, CSS*.

Technical: *Networking, UNIX and GNU/Linux Internals and Build Systems, MX/Mail Systems, Writing and Managing Documentation, Bug Reports and Tracking, Databases, Containerization*.

AI/LLM: *Claude(Code), ChatGPT, DeepSeek, OLLama*.

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