

Karam Assany: Curriculum vitae

The most recent version is located at (<https://karam.neocities.org/cv.pdf>)

Contact info

- **Address:** Aleppo City, Syria
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- **Personal blog:** <https://karam.neocities.org/>

Natural languages

- **Syrian Arabic:** Native
- **Modern Standard Arabic:** Fluent. Worked on proofreading Arabic documents
- **English:** Fluent. Worked on English-to-Arabic translations
- **Japanese** and **French:** Very basic understanding

General Skills

- **Photo editing:** Basic experience with [the GIMP](#)
- **Typesetting:** LaTeX, Markdown and roff (esp. mandoc). Also uses WYSIWYG word processors
- **Office suites** Basic experience with [LibreOffice](#) (esp. Writer and Calc)
- Typing speed approaches 70 words per minute (English QWERTY, Arabic)
- Reads the actual reference instead of asking strangers on the Internet
- Writes code and documentation in a clean, elegant and consistent style

IT Skills

- **Web development:** Front-end (HTML/CSS/JS). Back-end (PHP, PostgreSQL). Experience with Telegram bot development (HTTP API and MTPROTO)
- **Web testing and scraping:** Browser automation with Selenium 4
- **Software management:** Intermediate knowledge of Git. Experience with Github
- **PaaS:** Experience with Heroku and similar SaaS providers
- **System administration:** Advanced Debian GNU/Linux administration. File-system management (LLVM). Cluster computing infrastructure (SSH and NFS)
- **Information security:** Isolation using Bubblewrap or Firejail. Virtualization with Qemu. Network firewall management (nftables). Data-at-rest encryption (LUKS)

Programming languages

- **Python:** (*Intermediate*) Text processing (parsers, converters, generators). Tabular data manipulation. Networking: low-level (sockets) and high-level (HTTP/FTP/XML/JSON)
- **POSIX Shell:** (*Intermediate*) UNIX system administration. Task automation
- **PHP:** (*Intermediate*) Mostly Telegram bots. Basic websites
- **SQL:** (*Basic*) SQLITE and PostgreSQL
- **Javascript:** (*Basic*) Client-side (DOM manipulation, AJAX, WebSockets)

Notable open-source projects

- **Pagenera:** ([Git](#)) A slot-and-filler automated text processor (in Python)
- **Neopush:** ([Git](#)) Advanced Neocities API wrapper that tracks changes (in Python)
- **YTMusicHQBot:** ([Git](#)) Telegram bot to download high-quality audio from YouTube and other websites (in Python)
- **Kanabot:** ([Git](#)) Telegram bot for simple Japanese Kana quizzes (in PHP)
- **Cewarib:** ([Git](#)) Simple SOCKS5 server implementation that supports IPv6 (in Python)