

MATYAS ENGELEN

✉ matyasengelen@hotmail.com

Nationality: Belgian

🔗 <https://github.com/mengdotzip>

PROJECTS:

Mazarin Proxy (<https://github.com/mengdotzip/Mazarin>):

- Go-based proxy server with web authentication, IP-whitelisting firewall, TLS, domain-based routing, HTTP reverse proxy, TCP/UDP forwarding, SSE, graceful shutdown all customisable with a JSON config.

ai.meng.zip (<https://github.com/mengdotzip/ai.meng.zip>):

- Web-based multi-model chat interface and personal site featuring conversations, model switching and a handy tool for comparing AI models.

Meng-ui (<https://github.com/mengdotzip/Meng-ui>):

- Created Meng-ui, a simple Python library for creating and manipulating terminal-based graphical interfaces using text and ANSI escape codes, allowing you to build colorful and interactive ui's in your terminal.

EXPERIENCE:

01/12/2021 – 14/03/2024

2nd line engineer - workplace

UZ Brussel

- Managed the entire SCCM and Intune environments, overseeing large-scale deployment and configurations for 2000+ VMs and optimizing workflows using PowerShell.
- Expanded expertise in Azure AD and Office 365 policy creation, and deepened my cybersecurity response skills, including proactive incident handling.
- Built Python applications to automate print tasks, integrating UDP/TCP sockets, and further developed VMware management skills for server clusters.

11/01/2021 – 01/12/2021

Support Engineer 1st line

UZ Brussel

- Gained skills in Windows AD management and direct user support, building strong user service and troubleshooting abilities.
- Used Python for browser automation, developing a badge deregistration tool and creating a UI for label printing, marking my first experience with Python in a professional setting.

EDUCATION:

<i>HIGHSCHOOL:</i>	Sciences-Mathematics STEM (Graduated 2020)	
<i>PROFESSIONAL:</i>	Fox-IT First Responder Training	Realdolmen Intune Training (3days)

LANGUAGES:

<i>DUTCH:</i>	Verbal: mother tongue	Written: mother tongue
<i>ENGLISH:</i>	Verbal: fluent	Written: fluent
<i>FRENCH:</i>	Verbal: moderate	Written: moderate

COMPETENCES:

<i>PERSONAL:</i>	Trustworthy Eager to learn	Perseverant Creative
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PROGRAMMING:

Go: Applied writing backends and networking services, including proxies, routing, TLS, and automation tooling. Also dabbled in ai logic.
Python: Advanced proficiency across diverse applications, including automation, network programming, data processing, and custom library development.
PowerShell, Bash: Skilled in automation scripting for infrastructure and system management.
HTML, CSS, JavaScript, TypeScript: Experienced in building user interfaces and responsive web applications.
C++, C#: Moderate proficiency with applications in system-level programming and core project work.

INFRASTRUCTURE:

Experience and know-how of applications like: Windows AD, VMWare ESXI, Vmware DEM, Intune, SCCM, Azure AD, Azure cloud, Docker,... Good knowledge of linux desktop and server distros. Can use scripting to automate processes. Thorough knowledge of computer/server hardware and software. Up-to-date with the latest news on hardware, software and cve exploits. Can work under stressful situations like a cyber attack and make sure to resolve the issue in time.

INTERESTS:

<i>HOBBY's:</i>	Volleyball	Programming
	Working on my homelab*	

*I have a dell poweredge r610 and r430 running in my home setup. They both run vm's (one with esxi and the other proxmox). On these servers I have learned a lot of valuable skills like setting up a firewall, updating the servers, best practice networking,...