Marc Li

Junior Software Engineer

Passionate and curious about tech. I wanted to explore several fields of computer science (cybersecurity, web, AI, game development).

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github.com/mli42 (

Driving license



EDUCATION

Digital Technologies Architect

Ecole 42 Paris

2019/10 - Today

Paris, France

- ft_transcendence: implemented the frontend of a pong game oriented website, with matchmaking and chat rooms in real time. (Nuxt.js 2, TypeScript, websockets)
- Cybersecurity projects: exploitation of vulnerabilities: reverse, PWN, ELF, buffer overflow, OSINT CTF
- Introduction to web security: SQL injection, path traversal, browser spoofing, XSS attack, bruteforce
- AI and Algorithm projects: implemented linear and logistic regressions, A star algorithm (Python 3)

EXPERIENCES

Frontend Software Engineer Intern

Ecole 42 Paris

2021/10 - 2022/03 (6 months)

Paris France

- IOTA Project x Ministry of Education: developed a tool to verify the proper functioning of HTTPS and websockets requests with the backend app (Agile practices, React, Golang, Docker)
- NOC42: created and led the development of a frontend app for a bed booking website (Nuxt.js 2, Typescript, Gitlab CI/CD, Docker)

GameJam "Tech to Save the World"

Vivatech x Gobelins x 42 x Coding Factory

2022/03 (48h)

Paris, France

- Developed a prototype of an Idle Game within 48 hours with Unity Engine in C#
- Team of 5 developers and 3 designers

SIDE PROJECTS

Hand2Text

@ github.com/AI-2-The-Sky/Hand2Text

2022/04 - 2022/07

Project managed by 42Al and PoC Innovation

- Participated in the creation of a Deep Learning model able to translate a video in sign language into subtitles, with a team of 3 developers
- Stack: PyTorch Lightning, Hydra, DVC

Nyffin

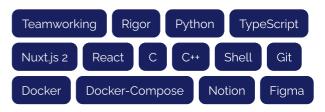
∂ gitlab.com/mli42/nyffin

2022/11

Static showcase website for an esport team

- Created and developed the frontend app with: React, Vite, Tailwind CSS, TypeScript, Eslint, Docker
- Automated deployment with Hostinger (nyffin.com)

SKILLS



CERTIFICATIONS

AI-900: Microsoft Azure AI Fundamentals 2020/12 - Today

AZ-900: Microsoft Azure Fundamentals 2020/06 - Today

ANGUAGE

French

English

First language (C2)

Technical proficiency (B2-C1)

Chinese

Spoken language (A2)

ACHIEVEMENTS

Containers tester

∂ github.com/mli42/containers_test

Implemented a tester for a school project at 42 Paris, which checks the behavior of a re-implementation of C++ containers (vector, list, map, stack, queue) by running home-made unit tests.

- Used by hundreds of students across the world (+120 stars).

CTF Hack The Boo

∂ github.com/mli42/HackTheBooCTF-2022

10/22 - 10/27 (2022)

Jeopardy type CTF organized by Hack The Box. Flagged web, pwn and forensics challenges. Rank: 967/6300.

2nd at Hado French Championship

hado-sport.gg

Sport in Augmented Reality (AR), similar to dodgeball, played in 3 vs 3 match of 80 seconds long. Two weekly training sessions.

ASSOCIATIONS

42 Artificial Intelligence

ع 42ai.fr Paris France

Paris. France

2020/10 - 2021/10

Co-Head of the Events Department (organization of hackathons, workshops, webinars, conferences)

HOBBIES

Climbing

Chess (ranked 1150 on chess.com)

Virtual Reality and Augmented Reality games