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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Driving license

EDUCATION

Digital Technologies Architect
École 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
École 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   Remotely
Project managed by 42AI 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

Teamworking · Rigor · Python · TypeScript · Nuxt.js 2 · React · C · C++ · Shell · Git · Docker · Docker-Compose · Notion · Figma

CERTIFICATIONS

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

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

LANGUAGES

French
First language (C2)

English
Technical proficiency (B2-C1)

Chinese
Spoken language (A2)

ACHIEVEMENTS

Containers tester   🔗 github.com/mli42/containers_test
2021/01
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
2022/07   Paris, France
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   🔗 42ai.fr
2020/10 - 2021/10   Paris, France
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