

PHILIPPE LEDOIT

github.com/ledoit ledoit.dev linkedin.com/in/ledoit

EDUCATION

Boston University – B.A. in Computer Science and Statistics Sep 2018 – May 2024

- Databases, Algorithms, Functional Programming, Operating Systems, Networks
- Treasurer of BU Innovation Lab Design Space (BUILDS) and YIIE Honors Society

EXPERIENCE

Schwabinger IT (Software House) – Junior Developer Sep 2024 – Dec 2024

- Delivered 6 custom websites to industrial clients and professionals with 1-week turnarounds each
- Rewrote four PHP WordPress plugins to meet client requests and streamline performance
- Webscraped and repurposed 100,000+ records for clothing supplier of Austrian police
- Composed 30-task Kanban board with staff assignments, deadlines, and dependency timeline

Shell Techworks – Software Engineering Intern Jun 2022 – Aug 2022

- Added three logic transformation nodes to low-code refinery plant safety automation platform
- Enriched oil well visualizer with 10 widgets and erected guardrails for geologist data edit safety

French Air Force – Airman Basic (Cabler) Dec 2019 – Nov 2020

- Deployed 200-peripheral pipeline and upkeep telecom/intranet for 3500 and 2300 person airbases

PROJECTS

MovieMash – Go/Angular/PostgreSQL/SCSS/Railway [Website](#) | [GitHub](#) | Dec 2025

- Built full-stack application for pairwise movie comparison with voting and leaderboards
- Designed normalized database schema and REST API with CORS and external API integration
- Deployed to production with environment configuration and automated database seeding

Matrix Maze – Rust/Tauri/Javascript [Website](#) | [GitHub](#) | Nov 2025

- First-person 3D ASCII maze escape desktop game with raycasting and maze generation engines

BU Health Portal Autofill – Flask/Python/Selenium/Tkinter [GitHub](#) | Jan 2021

- Webscraped interactions with 20+ elements to fast-track 10 users to flow endpoints 95% faster
- Saved users 17 clicks daily on symptomatic checks and 23 clicks weekly on Covid test bookings

FOREIGN LANGUAGES

French (Native Fluency)

Mandarin Chinese (Conversational Fluency)