

Giovanni Lombardi / Software Developer

WORK EXPERIENCE

Outlier: Freelance Software Developer

May 2024 – Present

- **Major LLMs Training:** Transitioned from Remotask and began training large language models (LLMs) to improve the way this models think. Engaged in daily strategy meetings, enhancing my Teamwork and English skills.

Remotask: Freelance Software Developer

October 2023 – February 2024

- **LLMs Code Generation:** Trained LLMs to enhance responses for code-related problems. Tested model-generated code solutions and provided feedback to improve their accuracy. Used Rust, Swift, C, C++, C#, Java, JavaScript, PHP, HTML, CSS, Python, Bash, OOP, Golang, Colab.

SOFTWARE PROJECTS

fileMover <https://yova-l.github.io/file-mover/>

- **Purpose:** Developed to enhance productivity in photo editing by automating the process of tracking higher-quality copies (RAWs) of selected photos, reducing a manual, hours-long task to a single click.
- **Technologies Used:** Python, Tkinter, OOP, GUI development for Windows and Linux, website development from a template, GitHub Pages deployment, file manipulation, and unit testing.

asciiHelper <https://github.com/yova-l/ascii-helper>

- **Purpose:** CLI program for quick access to text, capable of managing a predefined list or personalized favorites via a CSV file.
- **Technologies Used:** Python, Bash, Linux, CSV manipulation, Git.

Web Scraping Project <https://github.com/yova-l/python-dolar-hoy-automate-scrap>

- **Purpose:** Python project to scrape USD/ARS conversion rates and send daily updates to WhatsApp, running automatically through GitHub Actions.
- **Technologies Used:** Python, Bash, Linux, GitHub Actions, Git, BeautifulSoup, Requests, API interaction, Meta Panel setup, environment variables.

homeAssistant (In development)

- **Purpose:** Developing an AI assistant to integrate daily tasks such as note-taking, program execution, and financial management via WhatsApp using natural language processing.
- **Technologies Used:** Open-source LLMs (Large Language Models), Stable Diffusion, Notion API, relational databases, SQL, Hugging Face, Render deploy, Meta Panel.

Solitaire Game <https://github.com/yova-l/solitaire-java>

- **Description:** Java implementation of Solitaire, featuring Klondike and Spider game modes
- **Technologies Used:** Java, IntelliJ IDEA, Maven, OOP principles, GUI development, UML diagrams, design patterns, unit testing with JUnit 4.

EDUCATION

- **FIUBA UBA** – Computer Engineer

March 2021 – Present

SKILLS

- Python (Flask, Tkinter), Git, Java, Golang, HTML, CSS, C, SQL, MySQL, MariaDB, JavaScript, Regular Expressions (Regex), VM VirtualBox, Algorithmic Complexity (Big O notation), Data Structures, Redis, Ngrok, Sorting Algorithms, Large Language Models (LLMs), Assembly Language.