**Walkercito**

**Freelance Programmer & 3D Artist**

**Professional Summary**

Dedicated and versatile freelance programmer with 3.5 years of experience specializing in Python and TypeScript. Proficient in developing integrated bot systems, web applications, database systems, and web scraping services. Skilled in creating seamless connections between Discord, web platforms, and databases. Passionate about game development and robotics, with a background in 3D animation and modeling. Combines technical expertise with creativity to deliver innovative solutions across various domains.

**Technical Skills**

* **Languages**: Python, TypeScript
* **Web Development**: Reflex, FastAPI, Flet, Flask, FastHTML
* **Bot Development**: Discord, Telegram (including Mini App feature for Web3 apps), Twitch
* **Database Management**: Experience with various database systems like SQLite3
* I**ntegration**: Connecting systems with web platforms and databases in PC, Mobile and 3rd Party Services
* **Game Development**: Godot (v4.3)
* **3D Modeling & Animation**: Blender
* **AI & Machine Learning**: Diffusion models, Transformers technique, Tensorflow, Open-CV, eyc
* **Hardware**: Raspberry Pi 5
* **Other**: Web scraping, 3D printing

**Professional Experience**

* Freelance Programmer (2020 - Present)
* Developed sophisticated Discord bots for Adeptus Team and Crysis Studio, integrating them with web platforms and databases for comprehensive management solutions.
* Created web applications using Reflex and FastAPI, implementing secure user data storage systems.
* Designed and implemented Telegram bots leveraging the new Mini App feature for Web3 applications.
* Trained diffusion models for realistic image generation and mini language models using transformers technique.
* Executed web scraping projects to extract and analyze data from various sources.
* 3D Animator and Modeler
* Created 3D models and animations, with a focus on 3D printing projects.
* Utilized Blender to produce high-quality 3D assets for various applications.

**Projects & Achievements**

* **1st Place, Python Game Jam**: Led team to victory with an innovative game development project.
* **3rd Place, Python Code Jam**: Demonstrated advanced coding skills in a competitive environment with a Discord bot with the theme "Information Overload".
* **Integrated Discord Management System**: Developed a comprehensive solution connecting Discord bots with web interfaces and databases for efficient team and community management.
* **Home Automation System**: Developed a Raspberry Pi-based solution for smart home control.
* **AI Recognition System**: Implemented face and sound recognition capabilities for specific use cases like unlocking your PC.
* **"Reggaeton-be-gone" Inspired Project**: Created an AI-powered system to detect specific music genres and interact with Bluetooth devices inspired by an project with the same name.

**Education & Certifications**

**Harvard Online University:**

* Certification in Data Science and AI Algorithms.
* Certification in Computer Science with Python.

**Personal Projects**

* Game development using Godot (v4.3).
* Robotics experiments with Raspberry Pi 5.
* 3D modeling and printing projects.

**Soft Skills**

* Patient and effective in teaching and assisting others.
* Natural leadership abilities with a collaborative approach.
* Quick learner and adaptable to new technologies.
* Creative problem-solver with attention to detail.

References available upon request