

LORAIN MONTEAGUDO GARCIA

Full Stack Developer | Python Developer | Machine Learning Engineer

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Software Developer specializing in full-stack development and machine learning. Proficient in Python, Vue, FastAPI and SQL, with a strong background in creating responsive user interfaces and enhancing data management. Proven track record in enhancing productivity and operational efficiency through advanced algorithm development and real-time data tracking. Adept at utilizing advanced tools and frameworks to deliver innovative solutions and improve workflow processes. Passionate about leveraging cutting-edge technologies to drive impactful solutions.

WORK EXPERIENCE

12/2022 Present	Senior Software Developer, JACK'S FLIGHT CLUB, United States, Remote <ul style="list-style-type: none">Enhanced internal software to track flights, boosting productivity and efficiency.Used Slack to create a Svelte dashboard for real-time flight tracking and data extraction.Developed an ML algorithm to classify valuable flights, improving operational efficiency. <div>FastAPISvelteRedisPostgreSQLDockerMLTypescriptPytestGitHub ActionsPlaywrightSQLAlchemy</div>
02/2022 10/2024	Full Stack Developer, ARALEC, Zaragoza, Spain (Remote) - Part Time <ul style="list-style-type: none">Developed an IoT web application for lighting control using LoRaWAN and Chirpstack server, adding automation.Implemented a Python API in the back-end with FastAPI, SQLAlchemy, and MySQL, improving data management efficiency.Created a website with Vue3, JavaScript and Vite in the front end, delivering a responsive user interface. <div>PythonIoTFastAPISQLAlchemygRPCVue3JavaScriptDockerPytestMySQLRedisDigitalOcean</div>
01/2022 08/2022	Assistant Professor and Researcher, UNIVERSITY OF HAVANA, Havana, Cuba <ul style="list-style-type: none">Taught Logic, Machine Learning, and Programming; enhanced student comprehension and engagement.Collaborated on the AutoGOAL AutoML system, creating a meta-learning component for improved effectiveness. <div>Machine LearningPythonDeep LearningData AnalysisTeachingResearch</div>
07/2021 01/2022	Full Stack Developer, DEEPDATATECH, Havana, Cuba <ul style="list-style-type: none">Designed and developed a web application for psychological tests, enhancing talent selection efficiency.Implemented Carl Jung's personality theory, improving candidate assessment accuracy.Collaborated with psychologists to ensure test validity, resulting in more reliable talent identification. <div>PythonFastAPIStreamlitMongoDBPydanticVue2</div>

EDUCATION & CERTIFICATIONS

2016-2021	BSc. Computer Science at the University of Havana, Faculty of Mathematics and Computing. <ul style="list-style-type: none">Gold Diploma: Graduated with high academic scores.Scientific Merit Award: Excellent academic and research results. Publications: <ul style="list-style-type: none">Negation Detection and its Scope in Spanish Written TextUH-MMM at eHealth-KD Challenge 2021.Una estrategia de Meta-Learning para flujos genéricos de AutoML.
2022	Associate Data Scientist, DataCamp. (Show Credential)

SKILLS

Programming	Python, C#, JavaScript, TypeScript, HTML5, CSS
Frameworks	Scikit-Learn, Vue, Svelte, Playwright, FastAPI, SQLAlchemy, NumPy, Tensorflow, Pandas, NLTK, Spacy, Matplotlib, Seaborn, Streamlit, .NET Core, Django, Flask.
Databases	MySQL, PostgreSQL, MongoDB, Redis.
Tools	Visual Studio Code, git, PyCharm, GitHub, Docker, Jupyter Notebooks, Google Colab.
Soft Skills	Communication, Adaptability, Critical Thinking, Teamwork, Problem Solving