

Luca Consalvi

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Summary

Experienced Senior AI Engineer with a strong foundation in Generative AI, machine learning, and innovative web development. Proficient in designing and deploying advanced AI models and solutions tailored to diverse business needs. Skilled in fostering collaboration, effective communication, and tackling complex challenges with a solution-oriented mindset. A fast learner and team player, committed to delivering cutting-edge technology with integrity and creativity.

Skills

Full-Stack, Chatbot Development, Generative AI, Machine Learning, Large Language Model, Natural Language Processing, Model Fine-tuning, Pytorch, Tensorflow, LangChain, LangSmith, GraphQL, Web Scraping, Python, Typescript, Javascript, React.js, Vue.js, Next.js, Django, MongoDB, Agile Methodology, Jira, GitHub, CI/CD, AWS, Project Management, Web Design

Experience

Dante AI | Remote

Full-Stack AI Engineer | 01/2023 - 08/2024

[Dante AI](#)

An AI SaaS project for providing customized AI chatbot services.

- Led the end-to-end development of the project, overseeing everything from model training to backend development.
- Addressed complex challenges in model integration and user interface design to ensure a seamless user experience.
- Successfully integrated Stripe for payment processing, driving significant revenue growth and increasing earnings by hundreds of thousands.
- Delivered high-quality software solutions in an Agile environment, consistently meeting project milestones and client expectations.

V-APP | São Paulo, SP

ML/Computer Vision Engineer | 04/2023 - 09/2023

[V-App](#)

A real-time object detection project for traffic accident analysis and statistics.

- Led the training of the YOLO model, leveraging outsourcing teams for efficient object annotation and dataset preparation.
- Addressed complex challenges in model training, optimizing performance for real-time object detection.
- Managed the deployment and hosting of the model online, ensuring high availability and scalability.
- Collaborated in an Agile/Scrum environment to deliver high-quality solutions within set timelines.

Docus | remote

Machine Learning Engineer | 08/2022 - 05/2023

[Docus](#)

A healthcare AI project designed to assist patients with greater convenience.

- Contributed significantly to the development of a large language model by training it with extensive, high-quality datasets.
- Utilized advanced web scraping techniques to gather comprehensive datasets from healthcare websites, ensuring accurate model training.
- Successfully integrated the trained model into a backend system, enabling seamless interaction and enhanced functionality.
- Collaborated across teams to streamline the pipeline from data collection to model deployment, optimizing efficiency in a healthcare context.

NinjaChat | Singapore

Machine Learning Software Engineer | 03/2022 - 12/2022

[NinjaChat](#)

An innovative web application powered by generative AI.

- Designed and implemented image generation applications using Stable Diffusion and FLUX open-source models.

- Addressed complex challenges in model optimization, backend development, and seamless integration for efficient performance.
- Managed hosting and deployment of models to online services, ensuring reliability and accessibility for end users.
- Leveraged Agile methodology and strong team collaboration to reduce project timelines and deliver high-quality solutions.

ATN International | San Francisco, CA

Intern | 06/2021 - 12/2021

[chat.DOC](#)

Innovated web application for document-based chat.

- Create responsive website from scratch
- Designed and maintained front end for web and mobile applications by using AngularJS / TypeScript
- Wrote unit tests to improve code predictability and documentation.

Certificates

February 2022 – April 2022, ML. Train a large language model using an open-source model

Education

Tokyo institute of technology | Tokyo

Computer Science | 06/2021

- Conducted extensive research on software engineering course, resulting in a published paper in a leading science journal.
- Led a team of engineers to design and build a business ecosystem for several companies