Contact

www.linkedin.com/in/eddonner (LinkedIn)
edwarddonner.com (Personal)

Top Skills

CTO
Large Language Models (LLM)
PyTorch

Patents

Apparatus for determining role fitness while eliminating unwanted bias

Ed Donner

Co-Founder & CTO at Nebula.io, repeat Co-Founder of AI startups, speaker & advisor on Gen AI and LLM Engineering
New York, New York, United States

Summary

I’m a technology leader and entrepreneur. I'm applying AI to a field where it can make a massive impact: helping people discover their potential and pursue their reason for being. But at my core, I’m a software engineer and a scientist. I learned how to code aged 8 and still spend weekends experimenting with Large Language Models and writing code (rather badly). If you’d like to join us to show me how it’s done.. message me!

As a work-hobby, I absolutely love giving talks about Gen AI and LLMs. I'm the author of a best-selling, top-rated Udemy course on LLM Engineering, and I speak at O'Reilly Live Events and ODSC workshops. It brings me great joy to help others unlock the astonishing power of LLMs.

I spent most of my career at JPMorgan building software for financial markets. I worked in London, Tokyo and New York. I became an MD running a global organization of 300. Then I left to start my own AI business, untapt, to solve the problem that had plagued me at JPM - why is so hard to hire engineers?

At untapt we worked with GQR, one of the world's fastest growing recruitment firms. We collaborated on a patented invention in AI and talent. Our skills were perfectly complementary - AI leaders vs recruitment leaders - so much so, that we decided to join forces. In 2020, untapt was acquired by GQR’s parent company and Nebula was born.

I’m now Co-Founder and CTO for Nebula, responsible for software engineering and data science. Our stack is Python/Flask, React, Mongo, ElasticSearch, with Kubernetes on GCP. Our 'secret sauce' is our use of Gen AI and proprietary LLMs. If any of this sounds interesting - we should talk!

Experience

Nebula.io
Co-Founder & CTO
June 2021 - Present (4 years)
New York, New York, United States

I’m the co-founder and CTO of Nebula.io. We help recruiters source, understand, engage and manage talent, using Generative AI / proprietary LLMs. Our patented model matches people with roles with greater accuracy and speed than previously imaginable — no keywords required.

Our long term goal is to help people discover their potential and pursue their reason for being, motivated by a concept called Ikigai. We help people find roles where they will be most fulfilled and successful; as a result, we will raise the level of human prosperity. It sounds grandiose, but since 77% of people don’t consider themselves inspired or engaged at work, it’s completely within our reach.

Simplified.Travel
AI Advisor
February 2025 - Present (4 months)

Simplified Travel is empowering destinations to deliver unforgettable, data-driven journeys at scale.

I'm giving AI advice to enable highly personalized itinerary solutions for DMOs, hotels and tourism organizations, enhancing traveler experiences.

GQR Global Markets
Chief Technology Officer
January 2020 - Present (5 years 5 months)
New York, New York, United States

As CTO of parent company Wynden Stark, I'm also responsible for innovation initiatives at GQR.

Wynden Stark
Chief Technology Officer
January 2020 - Present (5 years 5 months)
New York, New York, United States

With the acquisition of untapt, I transitioned to Chief Technology Officer for the Wynden Stark Group, responsible for Data Science and Engineering.

untapt

6 years 4 months

Founder, CTO

May 2019 - January 2020 (9 months)

Greater New York City Area

I founded untapt in October 2013; emerged from stealth in 2014 and went into production with first product in 2015. In May 2019, I handed over CEO responsibilities to Gareth Moody, previously the Chief Revenue Officer, shifting my focus to the technology and product.

Our core invention is an Artificial Neural Network that uses Deep Learning / NLP to understand the fit between candidates and roles.

Our SaaS products are used in the Recruitment Industry to connect people with jobs in a highly scalable way. Our products are also used by Corporations for internal and external hiring at high volume. We have strong SaaS metrics and trends, and a growing number of bellwether clients.

Our Deep Learning / NLP models are developed in Python using Google TensorFlow. Our tech stack is React / Redux and Angular HTML5 front-end with Python / Flask back-end and MongoDB database. We are deployed on the Google Cloud Platform using Kubernetes container orchestration.

Interview at NASDAQ: https://www.pscp.tv/w/1mnxeoNrEvZGX

Founder, CEO

October 2013 - May 2019 (5 years 8 months)

Greater New York City Area

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-- Graduate of FinTech Innovation Lab
-- American Banker Top 20 Company To Watch
-- Voted AWS startup most likely to grow exponentially
-- Forbes contributor

More at https://www.untapt.com
Interview at NASDAQ: https://www.pscp.tv/w/1mnxeoNrEvZGX
In Fast Company: https://www.fastcompany.com/3067339/how-artificial-intelligence-is-changing-the-way-companies-hire

JPMorgan Chase

11 years 6 months

Managing Director

May 2011 - March 2013 (1 year 11 months)

Head of Technology for the Credit Portfolio Group and Hedge Fund Credit in the JPMorgan Investment Bank.

Led a team of 300 Java and Python software developers across NY, Houston, London, Glasgow and India. Responsible for counterparty exposure, CVA and risk management platforms, including simulation engines in Python that calculate counterparty credit risk for the firm's Derivatives portfolio.

Managed the electronic trading limits initiative, and the Credit Stress program which calculates risk information under stressed conditions. Jointly responsible for Market Data and batch infrastructure across Risk.

Executive Director

January 2007 - May 2011 (4 years 5 months)

From Jan 2008:

Chief Business Technologist for the Credit Portfolio Group and Hedge Fund Credit in the JPMorgan Investment Bank, building Java and Python solutions and managing a team of full stack developers.

2007:

Responsible for Credit Risk Limits Monitoring infrastructure for Derivatives and Cash Securities, developed in Java / Javascript / HTML.

VP
July 2004 - December 2006 (2 years 6 months)

Managed Collateral, Netting and Legal documentation technology across Derivatives, Securities and Traditional Credit Products, including Java, Oracle, SQL based platforms

VP
October 2001 - June 2004 (2 years 9 months)

Full stack developer, then manager for Java cross-product risk management system in Credit Markets Technology

Cygnifi
Project Leader
January 2000 - September 2001 (1 year 9 months)

Full stack developer and engineering lead, developing Java and Javascript platform to risk manage Interest Rate Derivatives at this FInTech startup and JPMorgan spin-off.

JPMorgan
Associate
July 1997 - December 1999 (2 years 6 months)

Full stack developer for Exotic and Flow Interest Rate Derivatives risk management system in London, New York and Tokyo

IBM
Software Developer
August 1995 - June 1997 (1 year 11 months)

Java and Smalltalk developer with IBM Global Services; taught IBM classes on Smalltalk and Object Technology in the UK and around Europe

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Education

University of Oxford
Physics · (1992 - 1995)