Ori Spector

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Education

Stanford University **Stanford, CA**
B.S. in Symbolic Systems, Artificial Intelligence June 2024
M.S. in Computer Science, Artificial Intelligence Expected December 2024
Mayfield Fellow '24 - 1 of 12 selected for the technology venture entrepreneurship program

Relevant Coursework: AI: Principles & Techniques, NLP with Deep Learning, Deep Learning for Computer Vision, Crypto & Blockchain, Conversational Virtual Agents with Deep Learning, Leadership of Technology Ventures

Work Experience

Luma AI, Palo Alto - Product Engineer. **June 2024 - Present**
Working on the AI Agent workstream, where I focus on building the Creative Partner capabilities using LLMs and visual models. My role involves collaborating with various teams to develop scalable architecture for multi-modal creativity.

Sunao Lab, Palo Alto - Founding Member, Backend Engineer & Product **March 2023 - June 2024**
I developed a system utilizing LLMs to semantically parse media archives (podcasts, news) and interactively engage users with reliable, real source attribution (using real audio). I was responsible for integrating archival search, LLMs, security, and our databases. Oversaw multiple live tests in partnership with NPR (5k concurrent users).

Solipay, New York - Software Engineering Intern **June 2022 - September 2022**
I developed the underlying infrastructure to facilitate crypto yield farming on stable coins across multiple blockchains, helped design and build the mobile frontend for the feature, and deployed a native cryptocurrency token with added smart contracts features for staking mechanisms, upgradability, and multi-chain adaptability.

Apollo Marketplace, Palo Alto - Product & Operations **September 2021 - March 2022**
I led community engagement, marketing, internal management, and business development for the project. This is a Web3 NFT marketplace built on the Solana Blockchain. Apollo enabled bundle trades, alt-coin transactions, auctions, and P2P trades. This project was tied to our generative NFT art collection, "InnerMind Portal"

RunWise, New York - Business Development Intern **March 2021 - June 2021**
I worked alongside the business development team to research prospective sales and upcoming growth regions. I helped analyze company data to increase deal flow and streamline sales.

Projects

AI Essay Evaluator: Reviewing College Apps with LLMs **October 2023 - December 2023**
Researched and developed an AI platform that gives expert feedback on college admission essays. Stack: Python, OpenAI, Together AI, Supabase, Next.js.

Planet Money Podcast Chatbot **January 2023 - March 2023**
Using OpenAI's Embedding and GPT-3 API I made a chat bot that responds to economic questions accurately and in the style of the podcast. All of the answers source attribution comes from their transcripts (~2500).

Gold Standard Health, Palo Alto - Mobile App Designer **December 2022 - February 2023**
I designed a mobile prototype for a healthcare startup looking to raise funding. I designed both the aesthetic component and the framework for the flow of the app using Figma and Photoshop.

Film - Caracal Valley **March 2020 - October 2020**
Creator, writer, actor, and producer for the pilot episode of "Caracal Valley", an independent student TV show.

Skills

Code Stack: Python, Java, C+ +, C, Javascript, CSS, HTML, React Native, Solidity
DevOps & Frameworks: Docker, Google Cloud, Firebase, git, Pytorch, FastApi, Flask, Rest APIs, MongoDB , gRPC
Design & Graphics: Illustrator, Photoshop, Premiere Pro, Blender, Figma

Research

Film: Truth and Reconciliation: The Philosophy of Film, Niche Cinema: The Impact of Netflix's Recommendation System
Machine Learning: LoRA Natural Language Generation, An Exploration of ResNet Fine-tuning for Fitness, AI Essay Evaluator: Reviewing College Apps with LLMs

Languages

Hebrew (Fluent), Spanish (Conversational)