

# Max Abouchar

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**Objective:** Leverage my expertise in building products and business as a founder to drive innovative AI development, solve real-world customer problems, and gain mentorship in scaling successful AI-driven businesses.

**Expertise in:** E-Commerce, Product Management, Large Language Models (LLMs), API Design, Data Science, Data Visualization, Decentralized Finance (DeFi), User Research, MVPs, Technical Writing

**Technical Skills:** Python, Typescript, SQL, REST, GraphQL, TensorFlow, PyTorch, Scikit-learn, Django, NumPy, Pandas, React, AI APIs and Agent frameworks, Node.js, AWS, GCP, Heroku, Render, RDS, Figma, Design, HotJar

## Education

**Master of Business Administration**, Entrepreneurship Concentration, *University of San Francisco, School of Management*, San Francisco, CA, May 2020, 4.0 GPA, 710 GMAT, Entrepreneurial Management, Quant Investing

**Bachelor Of Science**, Mechanical Engineering, *Southern Methodist University, Bobby B. Lyle School of Engineering*, Dallas, TX, 2016, President of Sailing Team, FSAE

## AI Projects

- Built [AIArtArena.com](https://AIArtArena.com) to enable easy access to AI Image Generation and comparison. 100+ WAUs
- Built [Mindfuldiary.io](https://Mindfuldiary.io), AI chatbot to solve problems in Mental Health and journaling, enabled scale
- Competed in numerous AI hackathons as a team lead with all projects accessible on GitHub
- Consulted on AI data-center operations for a bitcoin mining company, focusing on process optimization

## Professional History

**thinkr**, *Co-Founder and CTO* – thinkr.pro

October 2024 – Present

AI Agent e-commerce and Shopify application to help users run their store by using an AI agent to review their data, make recommendations, and automate interaction in the Shopify API. Built a python Django backend serving a REST API and a Typescript Next.js frontend. Using an approved Shopify App (Typescript, Remix) in the App store to enable read and write of Shopify data all AI agents could access up to date data and run users' stores. Integrated with tangential software like Facebook Ads and Klaviyo to feature an AI chat with all related data giving our agents wider context for our users' e-commerce business so that recommendations and chat are more informed.

- Created a Shopify App with approval to access Shopify GraphQL API from our AI agents with an access token
- Built an AI chat that allows users to chat with and view their Shopify and other software like Facebook Ads and Google Analytics in a React frontend with a Django REST API backend to dynamically source and query data
- Integrated multiple agents of different models to create research and reporting for shops based on their context
- Utilized Redis caching for speed and user tier limitations on requests and data queries along with analytics
- Hosted and deployed all software in free/very cheap platforms as a startup while allowing for scale
- Created analytics to track usage and performance of emails, frontend, and query usage

**AlphaCharter**, *Founder* – [AlphaCharter.xyz](https://AlphaCharter.xyz) and [Alpha-Charter.com](https://Alpha-Charter.com)

November 2023 – October 2024

Built an AI-powered financial assistant designed for investment research and visualization. Users leverage LLMs to analyze and visualize financial data lowering barriers to entry. Built all AI Agents for user interaction, automations, and data maintenance. Transitioned to an AI generated, interactive, financial newsletter.

- Integration with LLM APIs and tool use including vector storage (Pinecone) and RAG to retrieve data, calculate metrics, return images, and up to date context aligned to user questions reducing cost to <\$5/user/month
- Created ETL processes to store accurate up to date financial data and serve concurrently with Redis and Celery
- Built lightweight front-end with React interacting with a core REST API for all AI agent functionality

- Developed an AI agent using a custom multi-agent framework with a UI to compose newsletters and respond

**Archimedes, Lead Product Manager**

June 2023 – September 2023

Led the development and launch of a >\$1M DeFi product aimed at protecting liquidity pool AMM deposits from loss and enhancing yield using Curve/Convex and Balancer/Aura. Created comprehensive documentation and dashboards with GraphQL and Dune. Shut down protocol based on DAO vote and mutual parting on positive terms.

- Directed engineering to optimize front-end interaction and API integration, increasing Scrum velocity 40%
- Implemented ML-driven safety factors from blockchain data pipelines to automate fund preservation

**Cboe, Product Manager**

December 2022 – June 2023

Specializing in bringing digital-asset data to financial institutions for actionable trading. Special projects and research team on asset tokenization and AI training. Recruited to Archimedes.

- Prototype AI news product to automate stories for tickers and markets using data aggregation and API connectivity to internal and external news and data sources increasing trade volume by 10%

**Lukka, Product Manager**

February 2022 – August 2022

Led blockchain integrations and designed solutions for ingesting on-chain data for institutional clients with crypto-assets. Led DEX project to inform overall asset pricing model. Integrate nodes for data accuracy and redundancy.

- Managed blockchain data products integrating into software for users to perform accounting and tax analysis of their crypto assets across different platforms. Used block explorer APIs and node RPCs to apply ETL.t
- Developed DeFi pricing and management features for underlying positions to create fund Net Asset Value in order to serve all customer assets and bring them to one solution, managed expansion to other products

**Spire Global, San Francisco, CA**

May 2019 – February 2022

**Technical Product Manager**

January 2021 – February 2022

TPM of Maritime data product suite including APIs and analytics platform. Built from 0 to scale; managed roadmaps and MVP tests for product market fit in different verticals to serve digital transformation and data access across \$50M+ product portfolio. Led engineering sprints and data science projects for feature development and growth. Executed product to 2x revenue every year while improving margin. Engage in media thought leadership.

- Brought public GraphQL API with object recognition algorithm and AI data prediction to improve data scalability create more actionability using AI prediction and class recognition to improve customer usefulness.
- Brought Spire's first analytics product to market by utilizing visualizations built on top of advanced analytics and predictive algorithms to drive revenue acceleration of ~\$10M with 100% YoY growth.
- Product Manager & Owner for data APIs with revenue of ~\$40M with 70% YoY growth, managing feature roadmap to sustain growth in market and reach new customers through interviews and research.
- Thought leadership engagements with interviews by Wired, data inclusion in Bloomberg and Business Insider, Data Story Blogs, multiple webinars, speaking engagement at Google Cloud Summit.

**Solution Engineer**

May 2019 – January 2021

Solution and Pre-Sales Engineer managing delivery and sales of space to cloud data pipeline and analytics product. Created and managed analytical product on top of data as well as grew US sales \$1M (100% Growth). Engage customers to build solutions across all products and grow Net Renewal Rate to 130%.

- Built internal statistical analysis tools with Python, pandas, and visualization packages for customers/internal

**PTC, San Francisco, CA Solution Engineer**

April 2017 – November 2018

Demonstrate and build customizations of PLM and IoT software to high tech customers leading IoT for west coast.

## Interests and Hobbies

**Quantitative Equity Portfolio Management** Manage portfolios using personal quantitative algorithms and insights based on fundamentals and statistics. Financial data APIs for recording fundamentals, apply algorithms to assess investment strategies with scheduled automation. Visualize options strategies and pricing for hedging.

**Competitive Offshore Sailing** Compete in offshore regattas on ocean racing sailboats as helmsman and trimmer. Also compete in inshore regattas as tactician and trimmer in J24s.