

MAX EFREMOV

maxim.efremov@gmail.com | 443.955.9584 | maxefremov.com | [LinkedIn](#) | [GitHub](#) | [Twitter](#)

EXPERIENCE

Max Yields, Remote

April 2021 – February 2022

Founder

Max Yields is a B2C crypto & web3 coaching platform with a cohort-based course and digital video products teaching DeFi, blockchain investment, and passive income strategies

- Empowered 60+ users in five 6-week cohorts in understanding and investing into alternative investments in the decentralized economy resulting in customer returns far in excess of historical stock market averages of 10%
- Developed and marketed a standalone digital crypto course to 100s of individuals and business owners for returns of 20% APY

Steady State, Austin, TX

October 2021 – November 2021

Data Science Advisor

Steady State is a blockchain financial services protocol building trustless, automated DeFi insurance that covers protocols and protects their user funds from hacks, exploits, and other risk

- Advised core actuarial model to price on-chain smart contract risk that underwrote Steady State's \$15 million in coverage

Amplity Health, Remote

August 2020 – April 2021

Data Scientist and Machine Learning Engineer

Sole Developer and Sales Engineer for Amplity's *Xplore*, a proprietary data platform for interacting with 100 million patient medical records for pharma health and commercial research

- Deployed state of the art natural language processing (NLP) and information retrieval (IR) algorithms to extract insight from unstructured data that power over 30 original features in Amplity's *Xplore* data platform
- Sales Engineered *Xplore* for first 15 pharmaceutical clients to platform, leading to \$3 million in licensing deals for 2021

IDEAL Immigration, Austin, TX

March 2021 – September 2021

Executive Director

IDEAL Immigration is a transformative initiative in improving America's socioeconomic well-being through immigration reform

- Advocated and lobbied US senators to support IDEAL's signature legislative efforts of doubling legal immigration

Center for Advanced Defense Studies, Washington, DC

January – March 2020

Data Science Consultant

Led development of machine learned search engine *Sanctions Explorer* on cross-functional team that provides information about internationally-sanctioned entities and individuals from 100s of government agency databases and reports

- Developed web-scraping, natural language processing (NLP) and named entity recognition (NER) model; features include probabilistic entity extraction from narrative-style, unstructured text; responsible for 15% recall improvement
- Continuously tested, persistently deployed, routine automatic updating; hosted as full-stack web application with REST API on spaCy, Flask, and AWS infrastructure

SKILLS

Professional: Leadership, Entrepreneurship, Networking, Communications, Presentation, Sales, Enrollment, Coaching, Support

Data Science: Natural Language Processing, Productionizing Models, Segmentation & Clustering, AWS Cloud Computing

Development: Python (NumPy, Pandas, scikit-learn, TF, keras), SQL (MySQL, Postgres), Development (Git, APIs, Postman, Flask)

EDUCATION

Lambda School, remote

June 2020

Data Science Fellow

A 9-month, 1,600+ hour data science and software development program with a concentration in statistics, machine learning and real-world model development, validation, and deployment

- Real-World, Cross-Functional Projects
 - Consumer credit-scoring algorithm
 - NLP web search tool
 - Content-based music recommender
 - Image classification applications
 - static and dynamic web pages
 - AI Twitter application that predicts user origin of any inputted tweet

Towson University, Baltimore, MD

May 2019

Bachelor of Science in Economics cum laude; honors college

- Member of Honors College; GPA 3.84, Dean's List every semester; studied abroad at Yonsei University in Seoul, South Korea
- Econometrics, Statistics, Computational Economics, Macroeconomic Theory, Microeconomics, Money & Banking, Finance