

# ChatBlock.ai White paper

## Introduction:

As of writing this, we are now the first ever Web 3 AI chat bot. Throughout this white paper we hope to put across to you the bigger vision of ChatBlock.ai. We may seem like a humble AI chat bot with complex natural language, that is the first of its kind to integrate Web 3.0. But we're more than that. We are the start of something greater. We hope to expand the capabilities of the Davinci 3's language model and train it to serve all sorts of specific functions.

## What is Davinci 3?

DaVinci 3 is a remarkable AI language model that has gained widespread recognition for its impressive capabilities. One of its most remarkable features is its ability to understand and generate natural language, allowing it to write and communicate in a way that feels almost human-like. This makes it a valuable tool for a variety of applications, including content creation, marketing, customer service, and even creative writing. DaVinci 3 can also help automate certain tasks such as summarization, translation, and even coding. Its potential uses are virtually limitless, and its ability to learn and adapt to new challenges makes it an invaluable resource for individuals and organizations looking to harness the power of AI to improve efficiency, productivity, and communication. Overall, the beauty of DaVinci 3 lies in its ability to make complex tasks feel effortless, making it a valuable asset for anyone looking to streamline their workflow and achieve greater results.

## What we're doing with it.

To train the model, data is fed into the system, which it then uses to learn and make predictions about new data. This process is repeated over and over again, allowing the model to continuously improve its accuracy and performance. By carefully selecting and curating training data, businesses and organizations can teach DaVinci 3 to excel in specific domains, such as legal or medical writing, customer service, or creative content creation. This training can result in significant commercial success, as the model's ability to generate high-quality content at scale can improve productivity, reduce costs, and improve the overall quality of communication with customers and clients. Additionally, as more data is fed into the model, it can continue to improve and adapt to new challenges, making it an increasingly valuable asset over time. With the potential to revolutionize a wide range of industries, we at ChatBlock hope to develop a number of API's for commercial use.

We can't divulge all the API's we are working on but when we announce them, they will be the biggest thing to hit crypto since whatever meta-poopoo-pee-dog coin hit 100B mcap.

# ChatBlock.ai technology

## Introduction:

OpenAI's APIs are powered by some of the most advanced AI models in the world, including GPT-3, DALL-E, and Codex, among others. These models are trained on massive amounts of data using advanced techniques such as deep learning and reinforcement learning.

For example, GPT-3 is trained on a dataset of over 45 terabytes of text data, using a deep neural network architecture called the Transformer. The Transformer architecture allows GPT-3 to process and generate text in a more human-like way than previous language models.

Similarly, DALL-E is trained on a dataset of text-image pairs, using a combination of convolution

## Machine Learning:

Machine learning is a type of artificial intelligence that allows machines to learn from data, without being explicitly programmed. The machine learning process involves feeding data into an algorithm and allowing the algorithm to learn from the data, by identifying patterns and making predictions based on those patterns.

There are several types of machine learning, including supervised learning, unsupervised learning, and reinforcement learning.

- **Supervised Learning:** In supervised learning, the algorithm is trained on labeled data, where the inputs and outputs are already known. The algorithm learns to predict the output for new inputs based on the patterns it has learned from the labeled data.
- **Unsupervised Learning:** In unsupervised learning, the algorithm is trained on unlabeled data, where the inputs and outputs are not known. The algorithm learns to identify patterns and relationships within the data.
- **Reinforcement Learning:** In reinforcement learning, the algorithm learns by interacting with an environment and receiving feedback in the form of rewards or penalties. The algorithm learns to take actions that maximize the reward.

Machine learning is used in a wide range of applications, such as image recognition, natural language processing, and predictive analytics.

### **Language Models:**

Language models are a type of machine learning model that is specifically designed to understand and generate natural language. Language models are trained on large datasets of text, such as books, articles, and websites, and they learn to predict the probability of a sequence of words.

There are several types of language models, including n-gram models, recurrent neural network (RNN) models, and transformer models.

- N-gram Models: N-gram models are based on the frequency of word sequences. The model predicts the probability of a word based on the frequency of its occurrence in a given sequence of words.
- Recurrent Neural Network (RNN) Models: RNN models are based on a type of neural network that can process sequences of data. RNN models can be used for language modeling, as they can learn to predict the probability of a sequence of words based on the patterns in the data.
- Transformer Models: Transformer models are a type of neural network architecture that was introduced in 2017. These models use a self-attention mechanism to process sequences of data, which allows them to capture long-range dependencies between words. Transformer models are the basis for some of the most advanced language models in use today, such as OpenAI's GPT models.

Language models are used in a wide range of applications, such as language translation, text generation, and sentiment analysis.

### **Conclusion:**

In summary, machine learning is a type of artificial intelligence that allows machines to learn from data, without being explicitly programmed. Language models are a type of machine learning model that is specifically designed to understand and generate natural language. These models are used in a wide range of applications, from image recognition and predictive analytics to language translation and text generation. As AI technology continues to advance, we can expect to see even more innovative use cases for machine learning and language models.

## GPT-3 API Use Cases:

### 1. GPT-3 API Use Cases

#### a) Text Generation

One of the primary use cases for the GPT-3 API is text generation. GPT-3 can generate text that is similar in style and content to human-written text. This can be used for a variety of applications, such as chatbots, content creation, and language translation.

#### b) Question Answering

GPT-3 can also be used for question answering. Given a question, GPT-3 can generate a response that is relevant to the question. This can be used for chatbots, virtual assistants, and search engines.

#### c) Language Translation

GPT-3 can also be used for language translation. Given a sentence or a phrase in one language, GPT-3 can generate a translation in another language. This can be used for communication and content creation across multiple languages.

#### d) Sentiment Analysis

GPT-3 can be used for sentiment analysis, which involves analyzing text to determine the sentiment expressed in it. This can be used for applications such as customer feedback analysis and social media monitoring.

#### e) Content Creation

GPT-3 can be used for content creation, such as generating articles, blog posts, and product descriptions. This can save time and effort for content creators and marketers.

### 2. DALL-E API Use Cases

#### a) Image Generation

One of the primary use cases for the DALL-E API is image generation. DALL-E can generate images from textual descriptions, which can be used for a variety of applications such as e-commerce product images, illustrations, and graphics.

#### b) Virtual Reality

DALL-E can also be used for virtual reality applications. It can generate realistic 3D images of objects and scenes, which can be used in virtual reality environments.

#### c) Design

DALL-E can be used for design applications, such as generating designs for logos, websites, and marketing materials. This can save time and effort for designers and marketers.

d) Art

DALL-E can be used for artistic applications, such as creating original artwork based on textual descriptions. This can be used by artists, designers, and creatives to explore new ideas and concepts.

### 3. Codex API Use Cases

a) Code Generation

One of the primary use cases for the Codex API is code generation. Codex can generate code from natural language descriptions, which can save time and effort for developers.

b) Debugging

Codex can also be used for debugging code. Given a code snippet and an error message, Codex can generate suggestions for how to fix the error.

c) Code Completion

Codex can be used for code completion, which involves suggesting code snippets as a developer is typing. This can save time and effort for developers and improve productivity.

d) Code Optimization

Codex can be used for code optimization, which involves improving the performance of existing code. Codex can suggest optimizations and improvements to code, which can lead to faster and more efficient applications.

## Conclusion:

In summary, OpenAI's APIs have a wide range of use cases, from text generation and translation to image generation and code generation. These APIs are powered by some of the most advanced AI models in the world and can save time and effort for developers, content creators, and designers. As AI technology continues to advance, we can expect to see even more innovative use cases for OpenAI's APIs.

## **What is GPT-3?**

GPT-3 (Generative Pre-trained Transformer 3) is an artificial intelligence language model developed by OpenAI, released in June 2020. It is the largest and most powerful language model to date, with 175 billion parameters (compared to its predecessor, GPT-2, which had 1.5 billion parameters).<sup>1</sup>

## **How Does GPT-3 Work?**

GPT-3 is based on a neural network architecture called the transformer model, which was introduced in a 2017 research paper by Google. The transformer model is designed to process sequential data, such as natural language.

GPT-3 is trained on a massive dataset of text, including books, articles, and websites, to learn patterns in language. Once trained, the model can generate new text by predicting the probability of a sequence of words.

## **What are the Applications of GPT-3?**

GPT-3 has a wide range of potential applications in natural language processing, including:

- Language Translation: GPT-3 can be used to translate text from one language to another, similar to Google Translate.
- Chatbots: GPT-3 can be used to power conversational chatbots that can answer questions and provide information.
- Content Generation: GPT-3 can generate written content, such as articles, essays, and product descriptions.
- Sentiment Analysis: GPT-3 can analyze the sentiment of a piece of text, such as determining whether a product review is positive or negative.
- Text Completion: GPT-3 can be used to autocomplete text, such as in email responses or search queries.

## **What are the Limitations of GPT-3?**

Despite its impressive capabilities, GPT-3 has some limitations:

- Bias: Like any machine learning model, GPT-3 can be biased based on the data it was trained on. This can lead to biased or discriminatory output.
- Cost: GPT-3 is a resource-intensive model that requires significant computing power, which can make it expensive to use.
- Understanding Context: GPT-3 may not always understand the context of a piece of text, which can lead to inaccurate or irrelevant output.

## **Conclusion:**

GPT-3 is a powerful language model that has the potential to revolutionize natural language processing. Its large size and advanced capabilities make it suitable for a wide range of applications, including language translation, chatbots, content generation, sentiment analysis, and text completion. However, like any technology, it has its limitations and potential biases that must be taken into consideration.

# ChatBlock.ai Tokenomics

## Introduction:

With this project, we've taken the step of integrating Web 3 contracts into our system. We believe in the crypto space and thought that the traditional investment and fund raising route was too corporate and involved too many sharks that didn't have our best interests in mind. Over the past few years we have seen the formation of the community investing model, with startups fundraising completely through crypto tokens. As users of crypto ourselves, we got to see first hand how companies can keep the integrity of their projects whilst also being able to keep everything funded. We believe in this model over every traditional shark investment model. We believe in our users and having them as our backers, being accountable to them and serving them makes us more happy than having some firm sell off 20% of our stock in some Series xyz round. We want to keep the integrity of our project and we want our individual investors to benefit. It is for this reason we have decided to make our token represent the shares of our company.

We don't completely reject the traditional finance route and think regulation is important. At some point, we will allow tokens to be transferred into otc or traditional shares. But until then we will rely on our token.

How will the tokens be distributed?

- 10% Initial private seed round
- 20% liquidity
- 51% team tokens
- 19% Marketing and community distributions

We will lock initial liquidity from private seed round investors for a period of 6 months. The liquidity will increase overtime and will be added slowly with 20% of liquidity locked from day one of launch.

All liquidity will be locked using mudra for a starting period of 6 months.

The token contract will be free and open for audit. We hope to pay for an audit later down the line but we can't afford one at the minute.

Initial seed round will be conducted with 100 investors, each with \$120 allocations with \$100 going to liquidity. 10% of supply will be dedicated to this initial seed round.

We will add a 1% sale tax to replenish liquidity.

Supply is fixed with a total supply of 10,000,000.

## ChatBlock.ai Grand vision:

We are very proud of what we have been able to do with our AI and we think as a crypto project, it can sustain itself and become something with a hefty market cap. But we want to become something more. To lead the AI space, we need to look beyond general chat bots. To facilitate this vision we need to fully realize the real world potentials of AI language models.

As AI pioneers, we are perfectly situated to exploit the AI revolution. We see many commercial use cases in training different language models for use in business. As we speak, there are language models being developed to help in coding, CRM softwares and support bots. It is only a matter of time until AI models are trained to assist every sector of business. We know the power of this technology and with our marketing team, we hope to mainstream the use of AI technology across as many sectors as we can get our hands on.

The challenges before us however are getting that adoption and creating an understanding of the market ahead of us. The majority of people don't see how exactly AI's can be used to serve them in business. Although this market is new, this is not something to be down about. It just means we have a blue ocean ready for the picking, with very little competition in our way and an infinite runway of growth, we are perfectly positioned to take over this space.

In order to facilitate our takeover, we have to put across the potential of AI SaaS companies. Although companies like Open AI and Jasper have created a clientele willing to pay. However, on the less general B2B side, it is necessary to better customize the language models for commercial use. AI's like ChatGPT have too many parameters to deal with and cannot handle the minutiae of different businesses. For anyone who has used ChatGPT, you'll notice serious limitations when doing large prompts, handling very specific requests and dealing with real time information.

We don't just intend to sell our own trained language models, we also intend to handle the marketing of other AI's. With our experienced marketing team, we have the ability to scale already existing B2B AI models with different cold outreach methods. For us, it's just a matter of changing the offer slightly. We hope to become leaders in AI marketing and the AI crypto space..

# ChatBlock.ai Marketing Strategy

## Introduction:

Marketing a token involves a multi pronged affair involving many different platforms, for this project we will focus on Telegram, Discord, Twitter, Tiktok and Medium. While we work to drive adoption, most users in the crypto space are looking for investments and so to drive adoption, we have facilitated that with our \$CBAI token. In the following paragraphs we will break down our marketing plan for each of these platforms.

## Discord:

The avatar of a discord user is someone who is more keenly aware of the market and has a closer understanding of the affairs within an organization, these users have their ears to the ground in a way that telegram users don't. They are very keen and will drive adoption the greatest out of all the mentioned platforms. But discord users require much more attention, a dead discord is a dead user base. Discord optimisation and engagement is a necessary element to drive discord users. Within the discord we intend to organize mini reddit campaigns. We will pre make scripts for users to share with lists of discords to share them in. We will have dedicated mods from day 1 and within our marketing team we have people who understand the discord ecosystem and how best to utilize it.

## Reddit:

To keep it brief, we as a team have a disdain for reddit and its users. They are 100 IQ midwits with too many opinions. The average redditor spends half his net worth on funko pops and Pokimane. However, that being said. As a place to gather information and market crypto, it is an A tier platform. For all burgeoning cryptos, it is where all early investment comes from. People on reddit have a lot of money and are actively looking for things to buy. The issue with marketing on reddit comes from the algorithm which has ways of detecting marketing campaigns. In order to utilize reddit, we will have to utilize organic engagement from other platforms. To do this, we will primarily use our discord base to push marketing onto reddit.

## Telegram:

Every person in crypto has Telegram. It is the mainstay of any crypto. A dead telegram is a dead crypto. We will tailor our updates for the Telegram platform. All users will acquaint themselves with the telegram group so it is important the team engages with the users. We will have dedicated Mods from day 1 and will drive engagement with regular updates and joke posts. We will build the community around telegram.

## Medium:

Medium is for sleuths and developers who want a diary. It serves little for marketing a project.

## Twitter

Most corporate cryptos will use twitter in the wrong, they will push random content and in between scatter some engagement posts. Twitter is a canvas and for our team it will be the place where we drive all of our insane viral marketing ideas. Through twitter we can drive engagement in a way that can't be replicated on other platforms. These viral marketing strategies will drive engagement in a way that will push us through the higher market caps.

## Tiktok

What people don't understand about tiktok is that it's free money, the average user takes in information and automatically assumes it to be true. They do very little due diligence and will be useful at all stages of this project's timeline. They also give away impressions like it's free. Within our team we have a marketer who is well acquainted with tiktok organic and its different strategies. We will make a killing on tiktok.

To conclude, we have a team with marketers who have worked broadly within the crypto space, we have an understanding of the average user and what works and have a range of strategies to test out. This takeover will be like nothing ever seen before.

