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1. Introduction

OVERVIEW:

Codex on AltHash was created as a way to incentivize coders and developers to work on different crypto applications and projects. The team is focused on building value around strong utility on AltHash through the implementation of smart contracts into useful applications, bots, and software.

The CDEX utility token acts as an access token to the CDEX Tip Bot and will continue to be utilized in different smart contracts and builds on AltHash by the community and by the team. CDEX token is not a security and should only be treated as means to build utility, applications, software, and assist in the programming of different bots or machines.

The mission behind Codex is to create an ecosystem of programmers using the Codex online platform that dedicate their time to the AltHash blockchain and community.

GOAL: To create a platform and coding environment for crypto developers to access useful APIs for AltHash as well as interact with one another through employer job listings. The immediate goal is to encourage more software engineers to work on HTMLCoin and Codex using our online platform.

Why is this Important: This is very important for the future of HTMLCoin and Codex because it creates an ecosystem of skilled-programmers working at a common goal on the AltHash blockchain. As developers join the environment, more and more applications will be created on the AltHash blockchain, which will help the overall strength of the network with the addition of new nodes. Developers will also be incentivized to create applications using CDEX, which brings a heightened level of utility to the CDEX token.
1.1 The Current Market Structure for Blockchain Developers

Blockchain development is now one of the most sought after programming-skills due to the increasing demand in cryptocurrencies and decentralized applications. The current market structure is an array of expert level jobs that make finding qualified developers very difficult.

ASPECTS DRIVING THE MARKET

- Networks of Developers
- Advancements in Blockchain Technology
- Increased use of Internet
- Increase in Coding Bootcamps
- A Global Marketplace
- Incentives through Block Confirmation (POW/POS)
1.2 Increasing Number of Coders and Coding Bootcamps

“Course Report is pleased to present our fifth Market Sizing Report, another in-depth, empirical study that takes stock of the coding bootcamp industry...” (Course Report 2018)

**MARKET SIZE**

- The coding bootcamp industry (in-person and online) will grow by 20% to an estimated 20,316 graduates in 2018.
- $240MM total gross revenue
- 108 full-time coding bootcamps
- 20,316 2018 graduates

**MARKET GROWTH**

- Industry age: 2013-2018
- Growth rate since 2013, bootcamps have grown 9x!

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1.3 High Interest for Blockchain Technology and Cryptocurrencies

Google Trends
Search word: Blockchain

“Interest Over Time
Numbers represent search interest relative to the highest point on the chart for the given region and time. A value of 100 is the peak popularity for the term. A value of 50 means that the term is half as popular. A score of 0 means there was not enough data for this term.”
(Google Trends https://trends.google.com/trends/explore?date=all&q=blockchain)
(Google Trends https://trends.google.com/trends/explore?date=all&q=.crypto)
2. The Problems

Freelancers have trouble finding follow up work after completing certain specific jobs, which results in less pay and more down time. Codex on Althash team envisions a place that their past performances can be easily recognized on future freelance jobs. Follow-up work should be readily available at all times as well as more time saved on reintroduction of skills to new employers.
2.2 The Importance of Ecosystem

The Codex team stresses the importance of having an ecosystem for developers to interact in. Successful company operations stem from these characteristics that make up a healthy ecosystem:

- Strongly bound communities
- Interconnected networks
- Common workplace goals (Althash & other relevant blockchains)
- Collective and rationalized thinking in groups
- Participants engagement
3. The Codex Freelance Platform

The platform aims to connect:

- Freelancers
- Programmers
- Coders
- Applicators, software and blockchain engineers
- Those into AI technologies
- Anyone in the progressive- technologies industry

By using the ‘Codex Freelance Platform’, developers are able to network by listing jobs or accepting jobs listed. This creates an environment of like-minded, hardworking freelancers working at a common goal, to create high-value software and applications for Althash.
3.1 Creating an ecosystem for Crypto Developers on Althash

- Developers are able to list freelance coding jobs, which must meet the platform criteria.
- Freelancers are able to scan the various jobs and choose whether they would like to accept the employer’s work or tasks listed.
- If Employer chooses to accept a job, they must follow the ‘Standardized Code Requirement Sheet’ on all aspects of written code, or risk not receiving pay.
3.2 Giving Tools to the public

Coding will never be a simple task, therefore, the Codex team will offer tools to make coding, programming, and software development significantly more user-friendly as well as readily available.

- APIs
- A Test Environment
- Chat rooms for developers and freelancers
- Educational videos
- Pre-written smart contracts for token creation and other important builds on Althash as well as other relevant blockchain projects.
- Experienced programming support
3.3 Using the CDEX Utility token

‘CDEX’ acts as a universal access token for various applications including the Codex Freelance Platform. It grants access to exclusive tools and APIs, as well as an accessibility to a variety of other programming information on the platform that can be of high value in software creation.
3.4 Continuous focus on building utility with **CDEX** token

'CDEX' has HIGH Utility

**Utility through the Codex Team**

- Focus on creating applications and software that use 'CDEX' as an access token and utility token.
- Advancements in team software/technology will lead to an implementation of token utility and ecosystems into all aspects of life.
- Focus on creating value through utility rather than speculative pricing. Real world use cases and utility any sort of value for 'CDEX'.

**Utility through the Community**

- Community will be incentivized to create applications and software using 'CDEX' as an access token and utility token.
- By using products that utilize the 'CDEX' token, the community is able to increase their exposure to real world use cases using Althash.
3.5 Codex Business Model

Revenue Sources

- Revenue from Sponsors & Brands
- Fees from Different Applications
- VIP Memberships
- Sale of Merchandise
4. Tokenomics

Max Supply: 60 Billion CDEX

10% → Airdrops on Bot (HZwSRp5JSeh8F1CnXLAA7Q3tfqh3WUuT9H)

25% → Team (HqAkCgbqf6j5eP3n3zxN5Wss6uwQzRWF6A)

51% → Business Communications & PR (HqAkCgbqf6j5eP3n3zxN5Wss6uwQzRWF6A)

14% → Earned through current and future apps (HbBpkqz3RsYqso8vLb6rvA2n3Xh6d9tch8)
4.1 Tokenomics for Future Apps

Apps will take 14% of Max Supply

Codex Platform will use 3 Billion 'CDEX' of the 8.4 Billion set aside for apps

8.4 Billion ‘CDEX’ used for applications

- Codex Freelance Platform: 3,000,000,000
- Future Applications: 5,400,000,000
4.2 Distribution of Tokens/Token Allocation

‘CDEX’ token is not an ICO or a public/private sale. It was created to aid in the production of software and programming of different software, in addition to acting as an access token to many applications. Due to this, ‘CDEX’ has no initial investors and tokens are gained through various applications, airdrops, promotions, or different forms of tipping, and/or timed token releases.
5. Roadmap

March 2019
Codex is created

May 2019
Release of Codex Tip Bot

July 2019
Release of Codex Freelance Coding platform

September 2019
Ecosystem of programmers using COEX and HTML emerges; COEX programming competitions begin

December 2019 - December 2020
Creation of bots using AI

April 2019
Codex Team is hired

June 2019
HTMLCoin main group and community groups start using COEX Tip Bot

August 2019
Fine tuning of Platform and Tip bot

October 2019 - November 2019
Fine tuning of tools/programming competitions on platform

2021 - 2022
Learning how to live with Artificial Intelligence
6. The Team

The Codex team strives to bring together the most talented coders in the industry and create an ecosystem of programmers and developers that continually work on the AltHash blockchain as well as other related blockchains.

The team contains members from the AltHash community, as well as several founding members of HTMLBunker. They are continuously looking for additional members that have extensive knowledge in the crypto industry as well as with building software and applications.

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**Positions on Codex:**

**Technology:**
- Jena (Developer)
- Johannes (Developer)
- Jim (Webpages)
- Will (AI Dev)

**Marketing:**
- Tonya (Medium Articles)
- Marcio Kipp (MultiCoinBr Marketer)
- T3 (Designer / graphics)

**Social:**
- Julia (Group Moderator)
- Kauan (Group Moderator)
- Syed (Community Manager)

**Business Management**
- Brett (Project Manager)
- Vincent (Business Relations)
References


(Google Trends https://trends.google.com/trends/explore?date=all&q=blockchain)
(Google Trends https://trends.google.com/trends/explore?date=all&q=crypto)