

FantasyBit

The Token of Fantasy Football Skill



by





Blockchain Token



Created by NFL Statistics



Earned with Skill



Utilized in Distributed Futures Market

Fantasy Sports



- Fantasy Players mimic GMs
- Fantasy Points normalize Stats
- NFL Football 80% of market
- Fantasy Sports legal in US

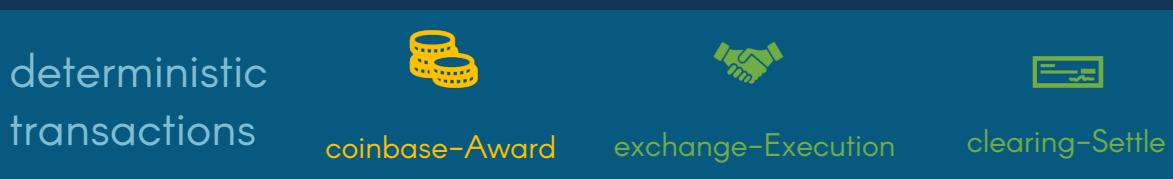
Problem: Fantasy skill does not equate to reliable profits

	# Pro Players	Market
eSports	10,000	\$20B
Poker	3,000	\$10B
Fantasy Sports	< 10	\$26B

- Large Variance
- Limited Opportunity
- Large Luck Factors

- Protoblock is a blockchain startup for the professional fantasy sports player.
- Our goal is to enable fantasy players to better monetize their skill and manage risk.
- Protoblock Apps run our custom “Proof-of-Skill” blockchain and have been live for the past two NFL seasons.

Blockchain Protocol



Distribution Algorithm
Skill

Matching Engine
Stake

DEA Agents
Data & Time

UTXO
Stake

Minting FantasyBits



Continuously minting coins based on random results of NFL games



Decentralized game results verified by 60 million distributed fantasy players



1 Fantasy Point = 100 FantasyBits



First Proof-of-Stake coin without need of pre-mine

Distributing FantasyBit



Sign Projection TX



Game Results Verified

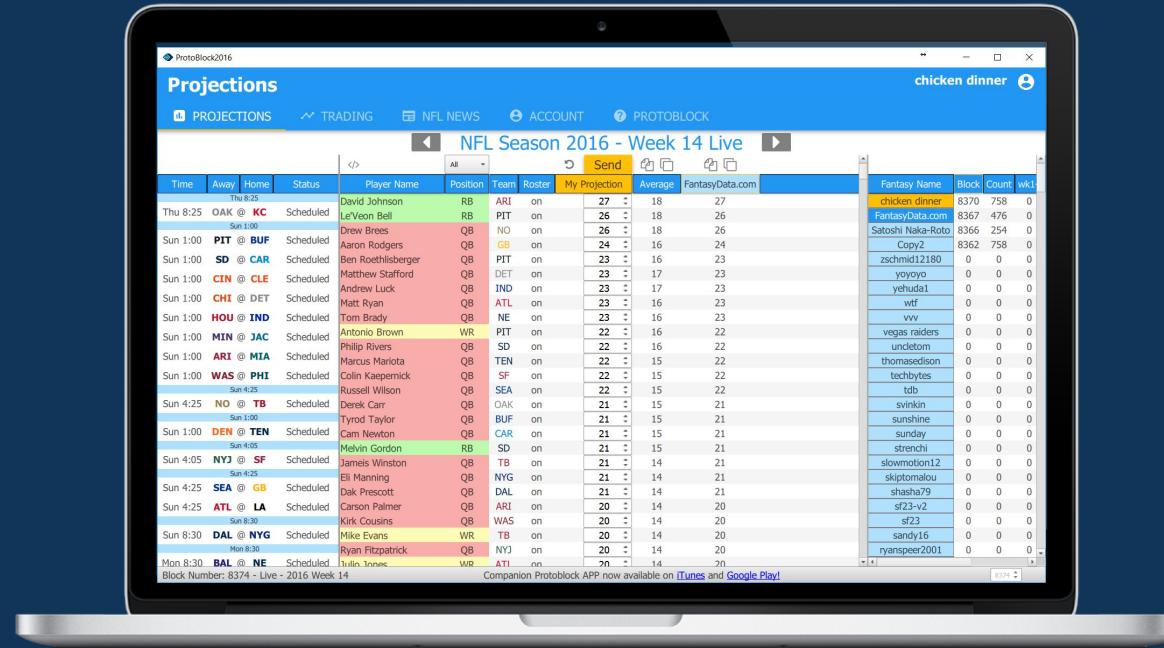


Distribution Algorithm



Virgin FB used for
Proof-of-Skill

Projections Game on Protoblock Platform



FB





Proof-of-Skill consensus used to sign block

- An innovative solution that solves POS flaws



FB^{skill} earned with projections used for Proof-of-Skill

- Can't buy ability to sign blocks



FB^{skill} is non-transferable

- Solves problem of “long-range” attacks in POS coins



FB^{skill} available in upcoming Token Sales

- Only time that skill can be purchased

FantasyBit Utility



An in-blockchain distributed exchange for trading
futures contracts on fantasy sports results

FB currency
used for margin

Decentralized
Limit Order Book

Market Data
Feeds

@Prototicker



Protoblock Trading Platform

FB



Use Cases



\$250k league win
depends on Tom
Brady week 16

Problem

Tom Brady
Injury Risk

Short Tom Brady
Week 16 Contract

Lock in profits,
reduce variance

Expert predicts
Adrian Peterson
bust in 2017

How to profit from
overvalued player

Short Adrian Peterson
2017 Contract

Monetize skill of
predicting busts

Protoblock

Stud QB limping
minutes to kickoff

Start or Sit decision,
no time for research

Check Protoblock
Ticker for latest price

Efficient market
price reflects
latest news

Trade Example



NFL Season 2016 - Week 16 Live

2016 Week 16 Contract
Tom Brady (QB) - 1412

Bid Size	Bid Price	Ask Price	Ask Size
10	21	23	1
10	20	24	5
20	19	25	10
54	18	25	10
100	1		

Last: 23 Bid: 21 Hi: 23 Vol: 2 Avg Price: 23.00 Open PnL: 0 FB Net Bal: 16,034 FB Open PnL: 0 FB JayBNY

Market Depth

Confirm Trade - Week 16 Contract
Protoblock Player: JayBNY
Sell 10 contract(s) at price 21 of Tom Brady (QB) Symbol(1412)

Buy Price: 1 expected fantasy points
Buy Qty: 1 number of contracts
Sell Price: 21 expected fantasy points
Sell Qty: 10 number of contracts

Sell

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Tom Brady (NE, QB) trading at 21
protoblock.com/ticks.html?pla...
Week 16 Thursday 1:24:16 pm
@protoblock #fantasyfootball #NEV

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2016 Week 16 Contract
Tom Brady (QB) - 1412

Bid Size	Bid Price	Ask Price	Ask Size
10	20	23	1
20	19	24	5
54	18	25	10
100	1	40	100

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ONS TRADING NFL NEWS ACCOUNT PROTOBLOCK

NFL Season 2016 - Week 16 Live

Contract Tom Brady (QB) - 1412 Last: 21 Bid: 20 Hi: 23 Vol: 12 Ask: 23 Lo: 21 Chng: -1 Avg Price: 23.00 Open PnL: 0 FB skiptomalou Net Bal: 16,034 FB Settled Bal: 16,034 FB Open PnL: 0 FB Leaderboard: 16,034 FB

Market Depth

Ask Price	Ask Size	My Pos	My PnL	My Avg	Player Name	Pos	Team	Last	Change	Block	Bid Qty	Bid	Ask	Ask Qty	Last Qty	High	Low	Volume	Symbol
23	1	-1	23.00	Tom Brady	QB	NE	21	-1	8413	10	20	23	1	10	23	21	12	1412	

FB



Financialization of Fantasy Sports

- Electronic Market Makers can now profit from fantasy sports, by providing market liquidity



Fantasy sports as a profession now possible

- Experts can hedge risk and monetize skill creating stable positive returns



Fantasy Ticker for 57M amateur fantasy players

- Real-time expected fantasy player results obtained from efficient market prices

Competition



	Season Long FFPC	Daily	PROTOBLOCK
Capacity	✗ YEARLY	✗ WEEKLY	✓ CONTINUOUS
Skill factor	✗ 60%	✗ 40%	✓ 90%
Market size	✗ 9 BILLION	✗ 18 BILLION	✓ 54 BILLION
Months of activity	✗ 8 MONTHS	✗ 4 MONTHS - NFL	✓ 12 MONTHS
Monetize busts	✗ NO	✗ NO	✓ YES

Opportunity



\$27B Existing Market

- Larger than US Pro sports

\$27B new untapped hedging market

\$54B Protoblock Opportunity

- \$4B initial target

57M Fantasy Players

- \$556 average annual spend
- 500k high rollers – initial target

\$27B
Fantasy
Market

\$27B
Protoblock
New Market

\$54B
Protoblock
Opportunity

\$4B Target

Proof of Concepts



Proof of Concept: www.coindesk.com/intel-testing-blockchain-built-fantasy-sports-game/

Proof of Opportunity



Proof of Regulated Blockchain Markets

Team



Jay Berg
Core Developer

Bloomberg, Factom

Dana Nicholson
UI/UX Designer

HTC, IDEO, Sony, Motorola

Daniel Marks
Growth Hacker

Startup Junky

Malou Floro
Business Development Advisor

Sales and Marketing, Biotech

Board of Advisors

Jamie Pardi
CEO FanCompass

David Fisher
Founder Integra Ledger

Micah Glick
Compliance Advisor

Alex Kaganovsky
Founder FFPC

Milton Berg
MB Advisors

David Lederhos
Financial Advisor



Jay Berg founded Protoblock (formerly Satoshi Fantasy) in 2013 combining his four key passions: fantasy football, coding, trading, and bitcoin



20+ years developing, designing and delivering complex software solutions with a focus on electronic exchanges, high-frequency trading, alpha-modeling, cryptocurrency exchanges and proprietary trading groups.



Quant Developer at Fortress Investment Group, a Senior Developer of the Bloomberg Terminal, an Advisor and Core Developer for Factom, as well as other Blockchain startups.



Masters of Financial Engineering from Baruch College of the City University of New York, is a former NASD Registered Series 7 Representative, as well as a former NFA Registered Series 3 Commodity Pool Operator.



A passionate Fantasy Football player for over 15 years, and a 2013 FFPC-Footballguys Players Championships, League Champion.

Timeline



Satoshi Fantasy White Paper Genesis Blockchain Protocol Launch 5,140,400 FB 2014	Angel \$ Trading.Football Full Node Dev – Mac/Windows Projections Game Launch 100+ Players 5,203,000 FB 2015	Protoblock Light Client – iOS/Android Distributed Exchange Launch Weekly Contract Trading 200+ Users 5,168,500 FB 2016	Season Contract Trading Mobile Order Book Airdrop Superbowl Trading Transfer Transaction 300+ Users 4,949,200 FB 2017	FB-Skill Sale Proof-of-Skill Dev P2P Network Dev Open Source Core / Linux Full-Node Free DFS Utility FB Secondary Market Listing ~5,000,000 FB 2018
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Private Pre Sale of 2014 Coins Starting January 1 2018

- 20,461,100 – Total Supply – as of Jan 1 2018
- 5,140,400 Coins for Sale (25%)
 - Controlled By “FantasyAgent”

Use Of Funds

- Develop P2P Network
- Develop Coin Transfer Function
- Develop POS Consensus
- Marketing / PR



Jay Berg – Founder / Core Developer

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