

"Innovation for Disruption"

BLOCKCHAIN AND AI

13th - 15th November 2020 Virtual Hackathon

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CONTENTS

Introduction	2
Agenda	3
Challenges	4
Challenge 1	5
Challenge 2	6
Challenge 3	7
Challenge 4	8
Contact Details	9

INTRODUCTION

Forbes believes that, by 2030, the greatest factors in change throughout global markets will be the intergration of Blockchain and the use of advanced AI.

Whether you're a data scientist, blockchain expert or a professional looking to break into the industry, our virtual Blockchain and AI Hackathon would be a perfect platform for you to showcase your skills.

Out of our 32 partnered clients for this event, 20 belong to FTSE500 companies. Observers from all these companies will be present during the entirety of the event.



AGENDA



Hackathons are simply a bunch of developers, software programmers, or designers, and a diverse range of talented professional join hands for a specified period, generally 24-48 hours, to build something awesome.

The participants try to 'hack' their way through the assigned challenges. It's a fun and competitive environment where teams of 5-8 brainstorm with each other's brilliant minds to create a unique prototype.

Friday 13th November

19:00 - Official Launch
19:15 - Challenge Brief
20:00 - Intro to Judges & Mentors
20:30 - Final team & Networking

Saturday 14th November

08:00 - Event Launch
08:15 - Challenge Refresh
08:30 - Hacking Begins (Ideation)
10:30 - 1st Checkpoint/Keynote Speaker
12:00 - Lunch
13:00 - Hacking Continues (Prototyping)
14:00 - 2nd Checkpoint/Keynote Speaker
16:00 - 3rd Checkpoint/Keynote Speaker
17:00 - Break
18:00 - 4th Checkpoint/Keynote Speaker
22:00 - Break
23:30 - 5th Checkpoint
23:55 - Midnight Hacking Continues

Sunday 15th November

08:00 - Challenge Refresh
08:30 - Mentor Sessions
11:30 - Countdown
12:00 - Project Submission
12:30 - Workshop = Pitch Perfect
14:30 - Pitches
16:00 - Jury Deliberation
16:30 - Winner Announcement
17:00 - End of Hackathon



INTRODUCING THIS YEAR'S **CHALLENGES**

#TH0Blockchain #TH0ai

CHALLENGE BLOCKCHAIN IN INSURANCE

Intro

Insurance companies have made every effort to keep up with the advances of the digital age. Despite their efforts, fraudulent claims are still hard to combat. This plagues the industry and costs the average household \$700 per annum in policy increases.

The integration of Blockchain based asset tracking can provide secure and easy tracing of proof of purchase. High-value assets such as collections of art, jewelry or wine are already using blockchain to track their heritage so an integration of the two should be seamless.

Challenge

How can the use of Blockchain tech in insurance help prevent \$80 Billion of fraudulent claims?

Should Blockchain become common place in the insurance sector, we would see billions of dollars being saved by companies, therefore, a reduction of costs passed on to the consumer.

Given that the ledger will be used by one of the most diverse market segments. Your concept should reflect consideration of such factors

Solution Outcome

We challenge you to create a Blockchain ledger to tackle insurance fraud by making client data more transparent and easily accessible to insurers.



CHALLENGE BLOCKCHAIN: SUPPLY CHAINS

Intro

During 2020, we have all experienced how a Black Swan event can throw our supply chains into disarray. These problems may not have occurred if the systems implemented Blockchain methodology.

The modern GSC has to contend with increasingly complex international logistics. In 2019, the cost of global transport reached a new high.

As routes to market increase and international groups become evermore favourable of JIT. The underlying supply chain must adapt.

Challenge

Can the Global supply chain be optimised through the integration of Blockchain?

Create a new way of tracking and monitoring global supply chains. Blockchain has the potential to mitigate human error and provide better data on the capital stored.

Integrating Blockchain into the GSC, could also lead to a drastic reduction in errors, resulting in lower costs to the manufacturer and more streamlined inventory management.

Solution Outcome

We challenge you to create a solution capable of taking data from multiple ways to market and differentiate between JIT and JIC inventory management strategies.



CHALLENGE AI: EDUCATION INEQUALITY

Intro

In Europe and North America, children of school entrance age, today, can expect 15 to 20 years of education on average.

Children in countries with the poorest access to education can only expect 5 years. With so few educational resources to go around, the chance of moving out of poverty is less than 1%.

As SpaceX rolls out Starlink, high speed internet will be available in the poorest countries. With the use of AI, we can begin to make real change.

Challenge

Can AI be used in the developing world to combat education inequality?

Using AI, create a program that is able to translate and upload large amounts of learning resources to the cloud.

With the creation and deployment of your AI tool, you will be tackling one of the largest humanitarian issues facing the global community. Many potential users will speak different languages and use older systems therefore, the interface must be intuitive.

Solution Outcome

We challenge you to ensure these educational resources are obtainable via smartphone, the most common way citizens of developing nations access the internet.



CHALLENGE AI:: E-COMMERCE

Intro

AI is used by online retailers to generate billions of dollars in impulse purchases. This is done through personalised recommendations.

Here's the issue: companies like Google and Amazon hold a monopoly on consumer data, as a result of the diverse services offered throughout their ecosystems. Whilst not viewed as anti-competitive, it is certainly quite an advantage.

If other e-commerce sites had access to such large data sets, it could begin to even the scales.

Challenge

How does AI change the way we shop online?

Creating a way for online retailers to share data and compete with the likes of Amazon, saving small businesses between 6-25% (GP) per transaction. Allowing SME's to grow at their own rate and have greater control over their product.

Our aim is to create an AI that collects and utilises data from numerous data sets; allowing SME's to compete with the corporate giants on personal recommendations.

Solution Outcome

We challenge you to create an AI that uses ML to continuously improve its' results. Whilst your program must be consider indirect bias or discrimination. You will also plan how to avoid and detect it.



CONTACT

LinkedIn

<https://www.linkedin.com/company/th.o>

Slack

<https://app.slack.com/client/T014AE9EWF3/browse-channels>

Telegram

<https://t.me/THVirtualHackathon>

For full details

<https://thpoint0.io>

Standard Rules

<https://www.thpoint0.io/rules/>

To learn more

<https://www.thpoint0.io/faqs/>

***Live Youtube and Zoom streams to be added*



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