Blockchain and Cryptocurrency Courses and Consulting
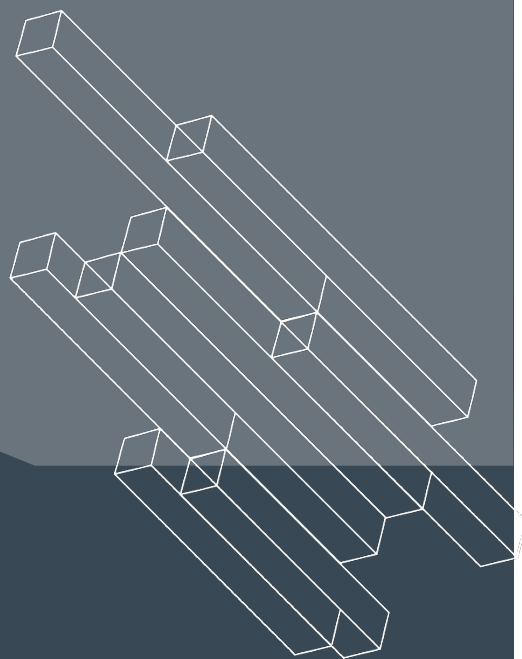
Blockchain Academy
Course Prospectus
2020

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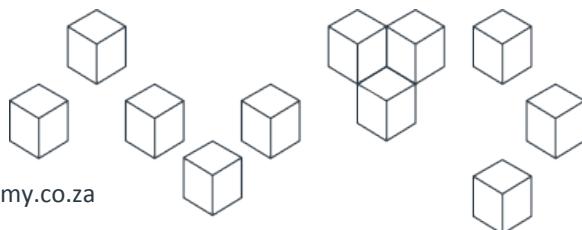**BLOCKCHAIN**
ACADEMY

BLOCKCHAIN AND
CRYPTOCURRENCY
TRAINING

About the Blockchain Academy

The Blockchain Academy focuses on capacity building in the digital currencies and blockchain technology industry through specialised training and consulting.

Cryptocurrencies, distributed ledger technology (DLT) and blockchain technology, represent a number of unique opportunities for improved transparency and efficiencies across multiple industries, including financial services, insurance, identity, healthcare and supply-chain.

We help organisations across sectors and industries to fully understand the intricacies and value-proposition of the technology and how it might apply to their respective businesses. Our courses are tailored to meet each organisations specific requirements and to help build the internal capacity required to make informed decisions. Our consulting team provide continued support to ensure that design, delivery and execution of the strategy and resulting product are held to the highest standard.

Whilst the Blockchain Academy is based in South Africa we have a global client base and our team have a vast amount of international industry experience and are regarded as thought leaders in this space.

Some of our clients include:

Why is blockchain technology so important?

Blockchain technology removes the need for a centralised authority to verify trust. It creates a public ledger of all transactions, which are then traceable, transparent and leave no possibility of alteration, which in turn allows for stronger security, decreased risk and increased efficiencies.

| *Simpler and faster* | *Reduced costs* | *Increased trust* | *Tracking and transparency* |

The technology was initially developed to provide an alternative approach to payments by using cryptographic methods to provide a trust-mechanism between two transacting parties without the need for a trusted third party. Now, however, the high number of use cases for the technology is beginning to be realised and understanding this disruptive technology is becoming essential.

How will it impact your business? It seems certain that most businesses and a vast number of activities will feel the impact of blockchain technology and the applications based upon it.

The world's largest financial institutions have publicly declared their interest in this technology and have begun openly experimenting with it. Large technology and consulting firms such as IBM have entire business units now dedicated to blockchain.

Outside of the commercial use cases, blockchain technology also represents an opportunity to address humanitarian and philanthropic challenges such as identity and financial inclusion, which are all becoming increasingly more important to address.

We believe that blockchain technology represents the second generation of the Internet. It not only holds the potential to profoundly transform a multitude of industries, it has the potential to transform lives.
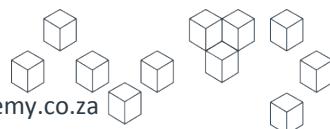
What services do we offer?

We offer bespoke training and consulting services from beginner levels to advanced levels of understanding on blockchain technology and cryptocurrencies as well as blockchain development.

Training

Consulting

Presentations

Development

Training

The academy provides training in various countries. Training in South Africa takes place at AlphaCode Club in Johannesburg and at the Bandwidth Barn in Cape Town, as well as at our clients offices in various cities.

Courses typically over one full day but can be lengthened on request.

Consulting

The academy provides a variety of consulting services such:

- blockchain development
- feasibility of using blockchain within an organisation
- assisting an organisations developers to build, deploy and test blockchain applications
- advising on the type of blockchain

technology that is best suited to an organisations requirements
- Determining the relevant use-cases

Presentations

The academy offers presentations to organisations on a variety of topics relating to blockchain and cryptocurrencies.

Development

The academy and its partners can assist organisations with their blockchain development projects on a variety of different types of blockchain technologies.

Equip yourself with the knowledge to evaluate the impact blockchain will have on your organisation's business model.
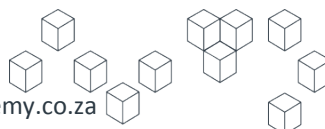
Blockchain and Insurance Innovation Course

This two day hands-on workshop is designed for insurance services professional, corporate executives, marketers, IT specialists, CEO's, senior strategists and entrepreneurs who wish to fully understand the practical applications of blockchain in the insurance industry to solve real business problems and how to reduce costs substantially by removing the need for middlemen, eliminating a lot of manual processing, increasing the speed of transactions and increasing business transparency.

WHO SHOULD ATTEND?

- Insurance professionals broadly
- C-Level Executives:
  - CEOs
  - CTOs
  - CIOs
  - COOs
  - CFOs
  - IT Managers
  - Finance Managers
  - Compliance and Risk Officers
  - Regulators

REQUIREMENTS
- No prior knowledge of cryptocurrencies and blockchain technology is required
- Minimum of 8 attendees

DURATION
2 days
Classroom:
- **09:00-16:30pm**
- Short tea/coffee breaks & light lunch

Online:
- **09:00-15:30pm**
- Short breaks

TRAINING METHODOLOGY
- Online
- Classroom style

VENUE
- At our facilities in Cape Town and Johannesburg
- At our clients offices globally

WHAT'S INCLUDED?
- A Certificate of Completion

COURSE OUTCOME:
The outcome of this course is to provide attendees with a general overview of blockchain, cryptocurrencies and their application in the insurance sector.

Upon completion of the course attendees will have a firm grasp of the basic utilities of blockchain technology, their application in the insurance industry, latest innovations in the industry and the next steps to innovate their insurance products. Innovation in the insurance sector is happening at a rapid pace and blockchain technology has an important role to play.

Both entrepreneurs and insurance incumbents alike are using blockchain to automate insurance policies, reduce fraudulent claims and process secure data for their clients. In addition, many are creating new financial products resulting in new streams of business and revenue opportunities that were previously not possible.

Blockchain and Insurance Innovation Course

DAY 1: Module 1
Understanding Blockchain and Cryptocurrencies

The first part of the course **("Module 1")** will be dedicated to building a general understanding of the basic building blocks of blockchain technology and cryptocurrencies, and what makes them so transformative and disruptive across a number of industries.

This module is for individuals who are new to cryptocurrencies and blockchain technology. The outcome of this module is to provide individuals with a general overview of blockchain technology and cryptocurrencies. The module begins with brief overview of cryptocurrencies such as bitcoin, including its history, use cases and development since the creation of the Bitcoin Blockchain in 2009.

The module also covers the basic building blocks of blockchain technology – including:
(1) reducing payment costs with cryptocurrencies and payment channels;
(2) programmable transactions and smart contracts; and
(3) connecting devices and real-time world information (e.g. healthcare transactions, car motor health) to blockchain-based applications.

At the end of the module, attendees will be able to answer the following questions:

- What is a blockchain technology?
- How do I use a blockchain technology?
- What is bitcoin, cryptocurrencies and digital assets?
- What kind of use cases exist in the financial and insurance industries?
- What's the future of blockchain and cryptocurrencies?

DAY 2: Module 2
### Blockchain Application and Insurance Innovation

The second part of the course **("Module 2")** will focus specifically on the application of blockchain technology in the insurance sector. This module will work through pain points in the insurance industry and existing use cases for how blockchain technology can be used to innovate insurance products and services.

Most importantly, it will focus on equipping attendees with skills and knowledge required to hypothesis and then validate and execute on how blockchain technology can be utilized within their organisations.

The session will focus on equipping attendees with a step-by-step guide on how to create research and development within their insurance organisations in order to apply blockchain technology for a variety of use cases.

At the end of the module, attendees will be able to answer the following questions:

- A solid understanding of the basic utilities of blockchain technology, and their application in the insurance industry
- The ability to create research and development within your insurance organisation in order to apply blockchain for a variety of use cases

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Testimonials
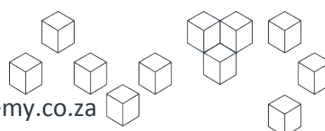
Bitcoin and Blockchain Beginner Course

"*During the last quarter of 2016, we took the decision to further develop the ThisIsMe platform using blockchain and in particular Etherium, at the time we had no customers requesting a blockchain version, so it was definitely on the edge.*

We selected the Blockchain Academy, to get the entire team and not just the development area up to the same standard of knowledge. The course covered a lot of information, delivered in concise chunks that were easy to absorb. The structure was clear, logical and effective.
But it was wasn't just about the new knowledge, the main benefits came from discussing use cases, receiving individual feedback and interacting with the tutor. Well worthy of the money and time spent and I can only thank the Blockchain Academy for putting the course together and delivering it with a very knowledgeable tutor. "

Mark Chirnside, CEO at ThisIsMe

Bitcoin and Blockchain Beginner Course

"*I would like to provide some formal feedback on the Blockchain training that I have recently attended at the Blockchain Academy.*

*I have attended the following courses:*

Blockchain Beginner, Blockchain Advanced, Ethereum Beginner and Blockchain for Developers

The courses are really well structured and with the latest industry content. The content enough to ensure the attendees grasp the key concepts in the allocated time.
This allows you to be at a level of understanding fairly quickly, if you did not have a prior knowledge of Blockchain and Crypto-currencies.

The lecturers are very knowledgeable and able to answer questions with ease. They are able to gauge and follow the classroom levels to ensure everyone is keeping up with the expected workbooks. The time allocated to the courses are sufficient to cover the material. There is a lot of additional information and takeaways to spend time on your own, further enhancing your knowledge gained from the courses. "

Rennie Govender, Head: Business Application Support: Corporate Investment Banking at Standard Bank
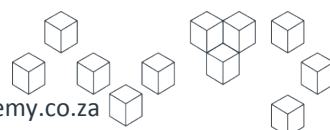
Testimonials

Legal and Regulatory Implications of Cryptocurrency and Blockchain Technology Course

"I can't speak for anyone else, but in the few years I've been with CDH this was probably one of the best training sessions (definitely the best by an external presenter) that I've attended. It gave me an extremely good idea of how the blockchain and cryptocurrency space works and what's happened in the rest of the world."

Louis Botha, Associate – Tax and Exchange Control, Cliffe Dekker Hofmeyr

### Legal and Regulatory Implications of Cryptocurrency and Blockchain Technology Course

"I attended a course yesterday with the expectation of gaining some insight into the world of blockchain and cryptocurrencies and my expectations were exceeded. Nerushka Bowan thank you for such a well delivered presentation. I highly recommend this course."

Keshia Naidoo, Legal and Compliance Administrator, The Hello Group

Blockchain for Financial Institutions Course

"We are very excited to host the first Bitcoin & Blockchain training for the Financial Services Industry, in collaboration with the Blockchain Academy, in Mauritius. The speakers we had during these 2 days, are people who have experimented with this technology for the last 4 years, and they dived us through this immersive technology that helped the audience to understand it, clear out the misconceptions, and realize the opportunities at hand. We were provided with multiple use cases that helped the audience understand the practical side of it. Gavin encouraged participation and interaction, that created the perfect platform for exchange of ideas and disseminating the contents in a structured way. We strongly recommend Blockchain Academy."

Ali Jamaloodeen, General Manager, AA Ventures Pty Ltd (Mauritius)
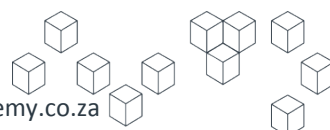
Payment

Please make payment one week before course commences to:

Blockchain Academy Pty Ltd

Bank: Standard Bank

Account No: 072612193

Branch: Claremont

Branch Code: 051001

Please send proof of payment to:
info@blockchainacademy.co.za

Students receive 20% discount on all our courses.

Group Bookings

We offer private training sessions for groups of 8 or more individuals, onsite at your offices or at our training facilities in Johannesburg and Cape Town as well as in various countries.

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BLOCKCHAIN AND CRYPTOCURRENCY TRAINING

Contact Us

Castle Mews 16a
New Market Street
Foreshore
Cape Town
8001
South Africa

✉ info@blockchainacademy.co.za

www.blockchainacademy.co.za

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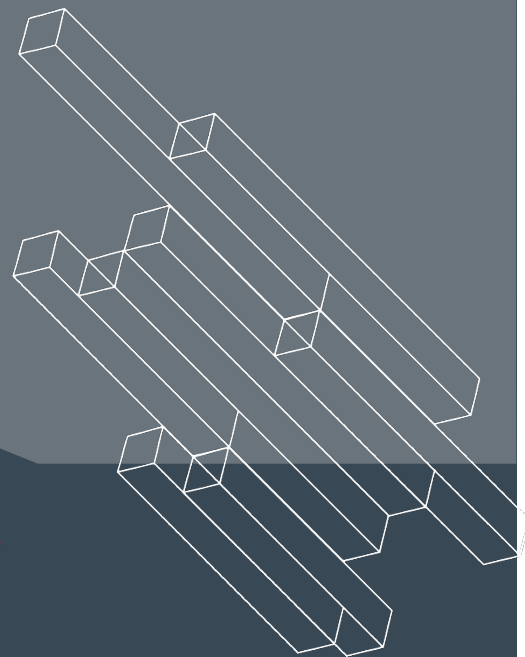🐦 @BlockchainAcad

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