



BLOCKCHAIN

AN INTRODUCTION TO YOUR

Course Code: 10007232-13

Course Description

“Blockchain: An Introduction to Your Business” is a short course targeting senior executives and managers of businesses and organisations. It focuses on distributed transaction agreement technologies, how cryptocurrencies work, and how the blockchain technologies will impact businesses. After completion of the course, one will gain a comprehensive understanding of blockchain applications with detailed examples such as Bitcoin and Smart Contracts. In order to strengthen the links between blockchain technique and various business scenarios, the course will take a series of real applications as examples to deepen the understanding of blockchain's advantages and disadvantages. As blockchain has been recognised as a form of next generation networking technologies, the knowledge from this course will also help audiences start to observe/consider potential business opportunities in the ‘blockchain’ way. This generally means their businesses will become more efficient, more secure, and more cost-effective.

Target Audience

Senior executives, Investors in cryptocurrency markets, Business owners, Entrepreneurs, and those who wish to find business opportunities in blockchain.

Award of Certificate

Participants who have completed the workshop will be awarded a Certificate of Attendance issued by the Hong Kong Productivity Council and Swinburne University of Technology, Australia.

Course Length

One day depending on the client's requirement.

Organizer

Course Content

1. Part I: Cryptocurrency and Blockchain Technology
 - 1.1 Blockchain Primer
 - 1.2 An Example (BitCoin)
 - 1.3 Core Techniques
 - 1.4 Blockchain Capabilities
 - 1.5 Popular Blockchain Platforms
2. Part II: Case Studies
 - 2.1 Milestones of a Blockchain Project
 - 2.2 Project: ArtChain: An Online Trading Platform for Artworks
 - 2.3 Project: Universal Credit Management System
 - 2.4 Project: Electronic Coupon Management System
 - 2.5 Other Successful Cases



Award

Swinburne University and HKPC Statement of Participation.

Trainer Detail

Professor Yang Xiang

PhD, Senior Member of IEEE

Dean, Digital Research & Innovation Capability Platform
Swinburne University of Technology, Australia

Prof Xiang received his PhD in Computer Science from Deakin University, Australia. He is currently the Dean of the Digital Research & Innovation Capability Platform, Swinburne University of Technology, Australia. His research interests include cyber security, which covers network and system security, data analytics, distributed systems, and networking. In the past 20 years, he has been leading his team developing active defense systems against large-scale distributed network attacks. His translational research has made significant impact to the real-world applications, such as AI-driven cyber security applications, malware applications, cloud and IoT security applications, and blockchain applications. His research was funded by the Australian Research Council (ARC) and industry partners. He has published more than 200 research papers in many international journals and conferences, such as IEEE Transactions on Computers, IEEE Transactions on Parallel and Distributed Systems, IEEE Transactions on Information Security and Forensics, and IEEE Transactions on Dependable and Secure Computing. He has published three books, *Honeypot Frameworks and Their Applications: A New Framework* (Springer), *Software Similarity and Classification* (Springer) and *Dynamic and Advanced Data Mining for Progressing Technological Development* (IGI-Global). He is the foundation Editor-in-Chief of the SpringerBriefs on Cyber Security Systems and Networks. He is the co-founder and the steering committee chair of the NSS, ICA3PP, CSS, SocialSec conference series. He served as the Associate Editor of IEEE Transactions on Computers, IEEE Transactions on Parallel and Distributed Systems, Security and Communication Networks (Wiley), and the Editor of Journal of Network and Computer Applications. He is the Coordinator, Asia for IEEE Computer Society Technical Committee on Distributed Processing (TCDP). He is a Senior Member of the IEEE.

Detail	
Date	Jan 25 2019 (Fri)
Duration	1 day (9:30am – 5:30pm)
Venue	Hong Kong Productivity Council, 1/F, HKPC Building, 78 Tat Chee Avenue, Kowloon Tong, Kowloon, Hong Kong. (<i>Kowloon Tong MTR Station Exit C</i>)
Language	English
Course Fee	HK\$2,500 per Person

Application

To enroll, please complete the attached enrolment form and send it together with the appropriate fee to HKPC Academy, Hong Kong Productivity Council, 3/F, HKPC Building, 78 Tat Chee Avenue, Kowloon Tong, Kowloon, Hong Kong. **Attention: Ms Jasmine Cheung.**

[All cheques should be crossed and made payable to the **Hong Kong Productivity Council.**]

Enquiries

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