Ethereum

The world computer

Part one:

- The background of Ethereum how did it start ?

- How does the Ethereum blockchain work.

- How is the Ethereum blockchain structured.

Late 2013 – Now

- An idea from a young Canadian writer - late 2013.

- Crowdsale event took place in July - August 2014 12.4million raised.

- Ethereum mainnet went live in July 2015.

- 2016 DAO Hack $50m – 70m in stolen funds.

- The Parity Multi-sig hack – November 2017 $150m in stolen funds

The Ethereum Blockchain.

- Decentralised computing
- Ethereum virtual machine
- Nodes & Miners
- Networks
- Consensus mechanisms
- Forks
- Hash functions
- Digital signatues
- Public key cryptography

The basics of Etheruem

- Wallets
- Transactions
- Gas
- Smart contracts
- Go-Ethereum & Parity software
- Remix
- Etherscan.io
- Tokens

The Structure of Ethereum

- The Ethereum Foundation
- The Ethereum Enterprise Alliance
- Consensys
- The Ethereum community
- EIPS