

Jinming Cui

PERSONAL DATA

PLACE AND DATE OF BIRTH: Hebei, China | 22 October 1994
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EDUCATION

AUGUST 2018 Master of Science in COMPUTER SCIENCE, **University of Edinburgh, UK**
Thesis: "Bitcoin Wallet Implementation using Trusted Execution Environment"
| Supervisor: Dr. Myrto ARAPINIS

JUNE 2017 Bachelor of Science with honour in TELECOMMUNICATIONS WITH MANAGEMENT,
Beijing University of Posts and Telecommunications, China and **Queen Mary University of London, UK**
Thesis: "Measurement study of live video streaming infrastructure for serving live video content in China" | Supervisor: Dr. Felix CUADRADO

EXPERIENCE & PROJECTS

<i>Internship</i>	Software Developer at JIKEXUEYUAN.COM in Beijing, China Software Developer at ZTE (ZHONGXING TELECOMMUNICATION EQUIPMENT CORPORATION) in Beijing, China
<i>Volunteer</i>	BRASIL GLOBAL TOUR 2013 in Beijing, China BIRDS' NEST in Beijing from Sep, 2013 to Jan, 2014 DESTINATION & IMAGINATION in Beijing, 2015 IEEE/ACM INTERNATIONAL CONFERENCE ON ADVANCES IN SOCIAL NETWORKS ANALYSIS AND MINGING 2015
OCT-DEC 2017	<i>Smart Contract Lottery</i> Smart Contract Lottery is a smart contract based on Ethereum. Based on token system, the contract allows user buying tokens and when contract's balance reaches certain threshold the contract balance would be transfered to a winner which is chose randomly with respect to user's token number. Fairness, Gas consumption for transactions of various actions are considered.
JAN-MAY 2017	<i>Measurement study of live video streaming infrastructure for serving live video content in China</i> The project aims to perform a measurement study to foot print the infrastructure from the most popular Chinese platfrom(Douyu.com). Study involves estimate the size of the infrastructures, as well as its geographical location and server selection strategies. In order to succesfully locate the infrastructure, a combination of active measurement and networking techniques including iptolocation, DNS-based name resolution and address space exploration are used.
JAN-NOV 2015	<i>Intelligent 3D Robot based on Unity 3D</i> The project uses a combination of unity3D and html to implement a web application, which performs as a welcom page for fresh university students. The application uses 3D animation and autio audio voice recognition to build a user-friendly and voice control system.

SCHOLARSHIPS AND CERTIFICATES

AUGUST. 2014 Third Class National Scholarship (top 20%)
NOV 2014 Outstanding Volunteer of International School. (University Level)
NOV 2015 Second Prize for National Student Competition for Creation. (National Level)
MAY. 2017 International English Language Tests (AWA. 7.5 with 9 in listening)

LANGUAGES

CHINESE: Mothertongue
ENGLISH: Fluent

SKILLS & ENDORSEMENTS

Knowledge: Cryptocurrency, Machine Learning, Cryptography
Languages: Linux, C, Java, PHP, JavaScript, Python, LaTeX

INTERESTS AND ACTIVITIES

Cryptocurrency, Anomynous System, Cryptographic Protocols and General Computer Security
Game Theory, Deep Learning
Basketball, Drawing, Photoshop

EXTERNAL LINKS

GITHUB: <https://github.com/Jamie2Cui>
PERSONAL BLOG: <https://jamie2cui.github.io/Jamie-Home/>