

**Updated
December 23, 2021**



Personal information

Name / Surname	Dong, Yu Hao
Address	814-2967 Dundas St W Toronto ON M6P1Z2 Canada
Telephone	+1 647 478 3007
Personal Email	nullchinchilla@pm.me
Nationality	Canadian
Date of birth	December 15, 1997
Gender	Male

Education and training

Dates	Sept 2015 -
Degree	Doctor of Philosophy (ABD, ongoing)
Major	Computer Science
Institution	University of Waterloo
Dates	Sept 2012 - Aug 2015
Degree	Bachelor of Computer Science Honours, With Distinction
Major	Computer Science
Institution	University of Waterloo

Publications

Title	Melmint: trustless stable cryptocurrency
Venue	Cryptoeconomic Systems 2020 (CES'20)

Date	March 2020
Title	Elasticoin: low-volatility cryptocurrency with proofs of sequential work
Venue	2019 IEEE International Conference on Blockchain and Cryptocurrency (ICBC)
Date	May 2019
Title	Bitforest: a portable and efficient blockchain-based naming system
Venue	2018 14th International Conference on Network and Service Management (CNSM)
Date	November 2018
Title	Conifer: centrally-managed PKI with blockchain-rooted trust
Venue	2018 IEEE International Conference on Blockchain (Blockchain-2018)
Date	August 2018

Work experience

Dates	Oct 2020 -
Position	Founder
Name and address	Themelio Corporation 8 The Green Ste A Dover, DE United States https://themelio.org
Details	Based on research done during my PhD studies, I developed Themelio, a new public blockchain designed as an immutable trust substrate for secure, decentralized applications. In late 2020, after graduating from the Polychain Genesis accelerator program, Themelio Corporation was founded as a startup with \$1.5M funding from Polychain Capital.
Dates	Jan 2017 -
Position	Founder, CEO, Lead Engineer
Name and address	Gephyra OÜ Sakala 7-2 Tallinn 10141 Estonia https://geph.io

Details

I founded a privacy-focused VPN startup that uses state-of-the-art research to help users circumvent sophisticated national censorship systems, such as those of China and Iran. I successfully grew the business to profitability with over 150,000 registered users.

Personal skills

Mother tongue

Chinese (Mandarin)

Self-assessment
European level^()*

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
C2	C2	C2	C2	C2
B1	B2	A2	A2	A2

^(*)Common European Framework of Reference (CEF) level

English
Japanese

Technical skills

- Design and develop complex software systems
- Research computer security at an advanced level
- Engineer and specify network protocols
- Manage a small software business