Jonathan Daniel Chan

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LinkedIn Profile

Skills Summary

- MATLAB, Python
- In depth knowledge of Microsoft Office suite and Adobe Photoshop CS6
- Solid digital/2D/3D studio artistic skills in drawing, ceramics, photography & digital media
- Proficient in English and Chinese (Mandarin and Cantonese)

Education

Candidate for Postgraduate Diploma in Finance & Law, HKU SPACE, Hong Kong, October 2020 - Present

Bachelor of Applied Science, Nanotechnology Engineering, University of Waterloo, Ontario, Canada
Sep 2013 – Apr 2018

- Placed 3rd out of 27 teams in First Year Design Project: Oil Sands Tailings Grand Challenge
- Final Year Design Project: Graphene-coated Silver Yarns for Conductive Textile Applications

High School Diploma, Singapore American School, Singapore, Aug 2009 – Jun 2013

Selected Experience

Directory of Technology, Loopnest Accelerator Limited, Hong Kong, January 2021 – present

- In-house research and development of cryptocurrency market tools

Blockchain Analyst, Loopnest Accelerator Limited, Hong Kong, Oct 2018 – December 2020

- Security Token Offering Platform development
- Systems integration with various technology providers
- Reporting and consolidating fund management progress and documentation
- Assisting in asset management operations

Trainee, Loopring Foundation, Shanghai,

- Decentralized exchange protocol

Assistant Engineer (Algorithms), Racefit International Company Limited, Hong Kong, Jan – Apr 2016/ Jan – Aug 2017

- Implementing, testing, and calibrating Machine Learning techniques with Objective-C/Python/Matlab
- Construct prediction models for custom motion-tracking algorithms and hardware
- Collecting, processing of preliminary data to initiate exercise related prediction models
- Troubleshooting motion-sensors and maintaining flexible nanofiber separator Li-ion batteries
- Demonstrating smart wearable garment engineering prototypes
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Background & Interests

Lived and worked extensively across the globe, especially Canada, Hong Kong and Singapore.

Interests:

- Fine Arts/Digital Arts/Street Photography (Supplement Art Portfolio)
- Competitive Fencing
- Volleyball