

Gordon Chan

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EDUCATION

NEW YORK UNIVERSITY

Master of Science in Data Science

New York, New York

Expected Graduation: May 2023

- GPA: 3.83/4.00
- GRE Quantitative Reasoning: 169/170; Verbal Reasoning: 166/170; Analytical Writing: 5/6

UNIVERSITY OF MICHIGAN

Bachelor of Science, with Distinction

Ann Arbor, Michigan

Sep 2017 – Aug 2021

Major: Economics; Minor: Computer Science

- Cumulative GPA: 3.83/4.00; Major GPA: 3.89/4.00

PROFESSIONAL EXPERIENCE

BW SOLAR

Remote

Data Analyst Intern

Jun 2022 – Aug 2022

A subsidiary of BW Group focused on the development of solar power generation and energy storage

- Planned and oversaw the transfer of the company's local MySQL server to a cloud-based solution (Azure), allowing for the automation of data pulling and uploading, as well as providing easier user access and flexibility for future scaling
- Developed an app in R that matched the visual grid data provided by Homeland Security to the physical properties of the transmission operators model, creating a visualization of the transmission system used to identify unique opportunities for potential new projects

PHOENIX CAPITAL (INTERNATIONAL) LIMITED

Hong Kong

Quantitative Developer Intern

Jun 2020 – May 2022

An asset management firm with a unique focus on technology and quantitative investment management strategies

- Developed a predictive classifier model in Python that can recognize common chart patterns in real-time price action candlestick data by utilizing computer vision and deep learning, to streamline and assist volume-based trading activities.
- Designed a custom Convolutional Neural Network with Tensorflow and OpenCV to achieve a training accuracy of over 95% on the predictive classifier model for chart pattern recognition.
- Produced a robust training set by combining comprehensive historical NASDAQ one-minute data to generate over 500,000 individual candlestick charts.
- Created a Slack app that would provide real-time price summaries of stocks via slash commands, as well as automatically generate regular market profiles for various key sectors during trading hours using price data streamed from DTN IQFeed.

LONGEVITY DESIGN HOUSE

Hong Kong

Project Intern

Jul 2019 – Aug 2019

A social enterprise providing interior design solutions to improve the 'aging at home' experience for senior residents

- Partnered with an NGO to lead an elderly home development project on a remote Hong Kong island, providing over 50 households with free home safety products to improve their quality of life and keep them safe.
- Conducted market research and collaborated with the design team to produce a material library that helped to streamline the design phase, thus allowing 20-25% faster turnaround to clients.
- Developed and presented a viability study for converting the material library into an online platform by conducting analysis on past projects.
- Strengthened and created English versions of all sales and marketing materials to increase service awareness and reach.

SERAYA ENERGY

Singapore

Product & Business Development Team Intern

Aug 2018

The retail arm of a leading electricity and utility provider for Singapore's new Open Electricity Market

- Refined and promoted the new 'Geneco' brand's electricity retail product offerings to households and commercial institutions for the soft launch of Singapore's Open Electricity Market.
- Collaborated with the sales, design, and technology teams to develop and implement a referral program via cold calling and promotional products, that leverages existing Seraya Energy customers to increase market share and reach.

ADDITIONAL

- **Multilingual** – Fluent in English, Cantonese, and Mandarin, working-level Spanish
- **Technical** – Proficient in C++, Python, SQL, and Microsoft Office, familiar with MATLAB, R, Stata, JavaScript, and Git
- Citizen of Hong Kong, France, and Canada