

Cheng-Hsiu Wu

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SKILLS

Programming: MATLAB, Python, VBA, LaTeX

Mathematics: Stochastic Calculus, Computational Methods, Time Series Analysis

EDUCATION

BOSTON UNIVERSITY, QUESTROM SCHOOL OF BUSINESS

Boston, MA

M.S. Mathematical Finance & Financial Technology

Expected January 2022

- Coursework: Statistics, Programming (R, Python, C++), Stochastic Methods of Asset Pricing

NATIONAL TAIWAN UNIVERSITY

Taipei, Taiwan

B.S. Mathematics

June 2018

- Coursework: Calculus, Mathematical Analysis, Computational Mathematics, Macroeconomics, Microeconomics, Investment, Probability Theory, Ordinary Differential Equations, Partial Differential Equations, Linear Algebra, Complex Analysis
- Awards: 3rd place in International Regions of Math League competition in 2014; Ranked 16 out of 120 candidates in Taiwan Selection Camp of International Mathematics Olympiad in 2013

EXPERIENCE

Kao-Chiao Education Institution

Taichung, Taiwan

Marketing Executive

Mar 2018 – August 2020

- Conducted customer research, competitive analysis and analyzed financial goals in Excel
- Made investment decisions regarding franchising and course collaboration
- Created a new website and increased website traffic by 100% in six months
- Built new media marketing methods to improve advertising performance and enhance company's brand; attracted more than 2,800 followers of social media in one year

Taihsin International Bank

Taipei, Taiwan

Intern, Corporate Finance Department

January 2019 – June 2019

- Analyzed historical data to find potential customers
- Assisted in collecting data to estimate operating costs of the department
- Quantified staff's performance from historical transaction data for performance awards
- Translated corporate finance transaction website into English for international customers

PROJECTS

National Taiwan University

Taipei, Taiwan

Big Data Analysis in Language Learning

January 2016 – May 2016

- Collected data in Google Trends and used big data to find people who are interested in foreign language learning in different districts in Taiwan; used insights to develop a strategy to build language learning centers

ADDITIONAL INFORMATION

Languages: Mandarin (native), Taiwanese (native); English (fluent)

Interests: teaching, skateboarding, singing (part of an indie band), coffee, oil painting, sketching, hiking, traveling

Volunteering Activity: Tutored elementary school students in mathematics (2016 - 2017)

Leadership Activity: Event coordinator for Music Club at NTU; organized several public performances attracting large audiences; assigned tasks according to members' specialty, negotiated with venues, and liaised with music instructors