SCOTT HYUK-KYU LEE

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용인시 기흥구 영덕동 우남퍼스트빌 1507동 403호 | 010-2078-6324
Github: https://github.com/hur-kyuh-leez Languages: Python, Flutter, Javascript, C#

PROFESSIONAL EXPERIENCE

Jandalee*, Republic of Korea*
Family Office Portfolio Manager   **January 2018 – Present**
- Allocated client's wealth using intangible assets listed below, resulting in over 150% increase in overall wealth.
- As of Aug 2023, the portfolio holds 10% in Cash, 80% in real estate, 9% in equities, 1% in closed investments(CB, Bar, Reptile Import), and 0% in cryptocurrency expecting continuous high-interest rates
- Built and constantly updated internal Python library for market simulation(backtesting) - decreased execution time by 40% for each simulation by indexing frequently used data
- Developed Kimchi Premium Bot, which detects and trades cryptocurrency arbitrages in the US and Korean markets
- Reviewed financial machine learning papers and consulted authors to produce better research results - increased one of the research results by 15%[1], suggested not to use any deep learning cost function due to its inherent error
- Developed real-estate investment assistant which uses alternative data and detects abnormal activities such as mobile big data to assist discretionary investing. As of Aug 2023, the program suggested a real estate (Anseong-si, South Korea) back in 2019 is expecting a 200% minimum profit

Chimera Securities*, New York, NY*
Proprietary Equities Trader   **Feb 2019 – April 2019**
- Consulted Senior traders on how to automate their trades - one trader's P/L ratio increased by 5%
- Obtained, refined, and visualized traders' requested data
- Changed antiquated hand scraping by implementing a simple IPO and Earning web scrapers using Python - saved an hour per trader each day[2]

Trading, Republic of Korea
Self-employed Korean Equities Trader   **April 2016 – Dec 2016**
- Collected and converted financial data into an alternative data set, free-floats to volume ratio, when trading platforms did not provide the data at the time

Samsung Life Insurance*, Seoul, Republic of Korea*
Technical Consultant(Intern)   **May 2011 – July 2011**
- Assisted in updating statistical-based software, which suggests optimal coverage plans for small to mid-size clients to maintain low estate costs
- Corresponded and successfully maintained client relationships for provided insurance coverage

EDUCATION

Emory University, Atlanta, GA   **Fall 2011 - Fall 2012, Spring 2015 - Fall 2015, Spring 2017 – Fall 2017**
- Double Major in Computer Science and Mathematics
- Dean's List (Fall 2011); Pi Sigma Alpha (Fall 2011 – Spring 2012)

Korea Accounting and Information School, Seoul, Republic of Korea   **Jan 2016 – July 2016**
Pre-Certified Public Accountant
- Independently obtained pre-requisite credentials for public accountant exam

LEADERSHIP EXPERIENCE

*Teacher***, Guang Hyun Presbyterian Church**   **Jan 2019 – Present**
- Inspired students in need to learn coding and mathematics - one of my students received an honorable mention award in the 2019 Summer Math Competition held by Suwon Academy Union

*Manager***, SCD Football Club**   **Nov 2014 – 2021**
- Led the team to become the champions of the 2014-2015 Suwon Division Soccer League[3]

LICENSE / LEGAL STATUS
- FINRA Series 57 (Prerequisite License for Algorithmic trading)
- Korean Citizen / USA Permanent Resident

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[1] https://github.com/hur-kyuh-leez/Stock_Technical_Analysis_ML
[2] https://github.com/hur-kyuh-leez/Earnings_Report_Scraper, https://github.com/hur-kyuh-leez/IPOboutique
[3] https://youtu.be/ImliSjzW0ak