

# Hyukjae Choi

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## EXPERIENCE

### HANWHA ASSET MANAGEMENT

Seoul, Korea

#### *Foreign Exchange (FX) Strategist, Liability Driven Investment Division*

2017-2018

- Executed FX forward and swap transactions with global banks such as JP Morgan, Credit Agricole, etc. to hedge USD 20bn worth of foreign currency exposure to protect it from unexpected FX movements and to boost KRW-denominated return
- Devised a framework that better-educated clients on FX swap price movements by breaking down the swap contracts into detailed components; helped reduce the number of daily client inquiries on swap price movements to almost zero
- Automated manual back-office procedures used to process transaction-related data through Python programming language, saving over 20 hours a month and eliminating potential fat-finger errors in FX transactions

### DB FINANCIAL INVESTMENT

Seoul, Korea

#### *Junior FX Analyst, Research Center*

2015-2017

- Developed quantitative FX valuation models, using R programming language and panel data regression technique, which were adopted by five+ Korean buy-side clients who previously had only used qualitative approaches to value exchange rates
- Helped senior analyst formulate cross-country interest arbitrage model so that clients could profit from arbitrage opportunities in 2016 when the foreign bond investment of Korea skyrocketed unprecedentedly; contributed to the team receiving first place in the 2016 Annual Analyst Poll
- Performed fundamental research utilizing quantitative as well as qualitative analysis in developed and developing market exchange rates focusing on movements of interest rates and macroeconomic factors, leading local market consensus

### REPUBLIC OF KOREA AIR FORCE

Goyang, Korea

#### *Aircraft Parts Supply Sergeant, Logistics Company*

2012-2014

- Finished Republic of Korea Air Force recruits training camp within the top 10% of 1600+ new trainees
- Led 160+ person battalion as the Chief Staff Sergeant, oversaw day to day operations, facilitated training, managed on-base dormitories, and counseled recruits
- Successfully implemented battalion-wide culture changes as Chief Staff Sergeant which eliminated critical accidents involving suicide, evacuation, violence, and abuse during the time in position
- Managed aircraft parts supply inventory with more than 10,000 items and ensured vital parts arrived in a timely manner, keeping combat weapons available for operational commitments
- Provided English lectures every weekend for 20+ personnel, helping them to improve TOEIC scores by up to 300 points

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## EDUCATION

### ULSAN NATIONAL INSTITUTE OF SCIENCE AND TECHNOLOGY

Ulsan, Korea

#### *Bachelor of Science in Technology Management and Marketing, magna cum laude*

2009-2015

- Cumulative GPA: (3.86/4.30)
- Awarded full 4-year academic scholarship and additional allowance worth \$6,000
- The first class of the university founded in 2009, the only 4-year college in Korea with classes conducted in 100% English
- President of the first version of the school's student council, created and managed the first online student community for 500 students, led strategy discussions on university future; coined the term *Unistars* to refer to school alumni
- Enrolled in a 1-semester exchange student program at Technical University of Eindhoven, the Netherlands

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## OTHER

### *Computer Skills*

Python (Numpy, Pandas, Matplotlib, Quantopian...), SQL, Git, Bash, HTML, CSS, JavaScript, Django

### *Qualification*

CFA Program Level III candidate; GMAT: 750

### *Activities*

- Writes regularly in my personal blog which receives more than 50,000 views per month
- Led book clubs and basketball clubs in high school, university, and in the Air Force
- Participates in weekly English club, regularly leads English conversations on a variety of topics
- Member of a community choir, singing tenor; participated in concerts and wedding ceremonies