JIHONG YU
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EDUCATION

The University of Texas at Austin	Aug 2023 – current

◆ Ph.D. student in Accounting

Fordham University – Lincoln Center, 33 W 60th Street, New York, NY 10023	Sep 2021 - Dec 2022

◆ Master of Science in Global Finance
◆ Dean's Scholarship, Phi Kappa Phi

KAIST (Korea Advanced Institute of Science and Technology) – Seoul Campus, Republic of Korea	Aug 2020 - Dec 2020

◆ Digital Finance Mastership Program: Machine Learning Curriculum   Pass
◆ Excellence Award in Team Project: Incomplete Sales blocking algorithm based on STT (Speech to text) technology

Sogang University – Seoul, Republic of Korea	Feb 2010 - Dec 2017

◆ Bachelor of Business Administration
◆ DASAN Scholarship, Honors Scholarship, and SSIA Scholarship (Support for international exchange program activities)

RESEARCH EXPERIENCE

Research Assistant – to Prof. Svenja Dube and Prof. Hye Seung (Grace) Lee	Jun 2022 – Dec 2022

◆ Research Area: ESG Natural Language Processing, SASB Financial Materiality, and Data research and scrapping
◆ Building dictionaries to specify which words are related to natural disasters
◆ Isolating the risk factors section from ten years of 10-Ks, and analyzing how the ratios of natural disasters related words in the section have been changed
◆ Data mining from Google trends and Twitter with their APIs and investigated how the number of searches and tweets about a company fluctuated when crucial events for the company happened
◆ Scraping ESG data from Bloomberg terminal with specified functions in Excel
◆ Mapping shareholder resolutions to SASB financial materiality categories

Publishing an article and generating an evaluation model of FA contracts	Apr 2018

◆ Posted an article on the main page of Daum Sports (one of the most renowned portals in South Korea)
◆ "FA big hitter, there's no overpaid players?", comparing the performance of Korean top baseball hitters and those of the major league's top players, I investigated how much Korean players outperformed the FA market's expectation

PROFESSIONAL EXPERIENCE

Ernst & Young, Seoul, Full-time Senior, Valuation Modeling & Economy Team	Dec 2017 - May 2021

◆ Financial modeling to evaluate the target assets with various scenarios and sensitivity tests for due diligence, M&A, and the estimation of fair value, based on financial statements, research reports, and interaction with management and employees
◆ **M&A deals:** In charge of the feasibility of cashflow schedules, financial due diligence, and construction of financial models with IRR, PPP, comparable ratios, and DCF methodologies with more than USD 230 million of deal value
◆ **Carve-Out and due diligence**: Carved out the targeted division from the companies and financial due diligence
◆ **Fair value evaluation & Impairment test**: In charge of the construction of financial models based on DCF with various scenarios
◆ **Client**: LG Electronics, Shinhan Group, Intercos, Lotte Holdings, VM ware, CJ Cheiljedang, Top solar, Daewon Kang Up, etc.

Freelance valuation specialist	Dec 2021 - Current

◆ Constructing option pricing models (BDT, TF, and Goldman Sachs models) with Python and providing the pricing results to clients

Republic Of Korea Army, Served and discharged from the ROK Army as Sergeant	Sep 2012 - Jun 2014

SKILLS & CERTIFICATIONS

CPA charter holder in South Korea, the Korea Institute of Certified Public Accountants	Aug 2017 - Current
CFA Certificate in ESG Investing, CFA Institute	Aug 2022
Smile Microcredit Volunteers, 425 hours, introducing and promoting microcredit to people.	Jul 2011 - Oct 2011
Practical Python for AI Coding, KAIST, School of Business and Technology Management	Jun 2021
Basic Mathematics for AI Non-Major 1: Linear Algebra, KAIST, Department of Mechanical Engineering	Jul 2021
EY Badge: Data Science, certificated by Ernst & Young	May 2020
Baseball research articles posted on a private blog, Applied the DCF method to evaluate the value of a baseball player	
ITQ (Information Technology Qualification) **OA Master**, achieved A in Excel, PowerPoint, and Hangul	Aug 2013

Software Python, R, SAS, C++, Microsoft Office, Clip studio, Adobe programs, Bloomberg terminal, Capital IQ
Interests Baseball, Basketball, Music, Traveling, Stock market, Drawing, Comics, Board Game