

Duke Student

Phone Number | Email | LinkedIn Link

EDUCATION

Duke University <i>M.A. in Economics</i>	Durham, NC <i>Aug 2022 – May 2024</i>
<ul style="list-style-type: none"> • Relevant Coursework: Intro to Microeconomics, Intro to Econometrics, Real Analysis 	
Bentley University <i>B.S. in Finance, Minor in Mathematical Sciences & Sociology, GPA: 0.00/4.0</i>	Waltham, MA <i>Aug 2018 - May 2022</i>
<ul style="list-style-type: none"> • Academic Honors: President's list (2020&2021), Dean's List (2019) • Relevant Coursework: Financial Modeling, Intro to Python, Data Science, Data Mining, Regression Analysis 	
Hankuk University of Foreign Studies <i>Study Abroad Program</i>	Seoul, South Korea <i>Jul 2019 - Aug 2019</i>

RESEARCH EXPERIENCE

Bentley University, Finance Department <i>Research Assistant</i>	Waltham, MA <i>Jun 2021 – July 2021</i>
<ul style="list-style-type: none"> • Wrote Python programs to automatically crawl, parse and extract data from 7,000 corporate proxy statements and merge the data sets to existing data frames • Designed a keywords-based algorithm to locate the position of specific values including voting results and dates in a sorted array • Deployed the k-nearest neighbors (KNN) algorithm to improve the accuracy of the keywords-based algorithm, from 91% to 98% • Compiled and reported data analysis results regarding the impacts of capital structure on the corporate control contests' outcomes 	

WORK EXPERIENCE

Dumpling Daughter <i>Financial Analyst Intern</i>	Newtown, MA <i>Jan 2022 – May 2022</i>
<ul style="list-style-type: none"> • Automated transferring of financial data from legacy system to cloud-based system • Analyzed the operational information of affiliated stores and compiled cash flow projection and proofread existing financial reports • Synthesized information regarding M&A events in restaurant industry, sharing with chief financial officer on a weekly basis 	
GF Securities <i>Investment Banking Intern</i>	Beijing, China <i>Sep 2020 – Nov 2020</i>
<ul style="list-style-type: none"> • Conducted industry research and due diligence for a Chinese delivery service and logistics company's M&A project • Assessed the strategic fit of the M&A target and bidder using the discounted cash flow model and a NPV analysis • Reviewed relevant terms in the Administrative Rules on Acquisitions of Listed Companies as well as the Ant Group's IPO process • Structured and integrated the M&A transaction and proposed solutions for potential legal issues 	

ACADEMIC PROJECTS

Portfolio Management Project	<i>Jan 2020 - May 2020</i>
<ul style="list-style-type: none"> • Calculated the expected return versus the portfolios risk comprised of different percentages of two randomly chosen assets to construct the Markowitz Efficient Frontier, and formed an optimal portfolio based on the CAPM model • Performed a Fama-French regression on excel for a series of stocks, including AAPL and MSFT, to examine the alpha and beta • Conducted a valuation analysis for Walt Disney Co. stock, involving the forecast of the amusement park industry, a competitors' analysis, and the investigation of shareholder favorability 	
Integrated Business Project	<i>May 2020 - Jun 2020</i>
<ul style="list-style-type: none"> • Analyzed financials such as cash flow projection of a table game company based on gathered information on the impact of the coronavirus pandemic, industry life cycle, competitors' positions, and current standing of the company • Developed a business proposal to improve the company's receivable turnover ratio, resulting in a gain of \$4,000 • Pitched my proposal to the CEO of City of Mist and won the second-place prize in the business case competition 	

CORE COMPETENCIES

Computer Skills: Proficient in Python, R, Octave, STATA, Microsoft Office Suite, Bloomberg, FactSet

Language Skills: Native in Mandarin, Proficient in English

Community Services: Volunteer in Boston Boy and Girls Club, Children Mentor at McDevitt High School