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EDUCATION

UNIVERSITY OF HOUSTON, C. T. BAUER COLLEGE OF BUSINESS, Houston, TX   **December 2021**
Master of Science in Finance
Relevant Courses: Managerial Finance, Financial Accounting, Corporate Finance, Investment Portfolio Management
TONGJI UNIVERSITY, Shanghai, China
Master of Science in Civil Engineering   **January 2018**
Bachelor of Science in Civil Engineering   **July 2014**
Relevant Courses: Structural mechanics, Data Structures and Algorithm Analysis, Numerical Methods and Computer Algorithms

COURSE PROJECTS

Hewlett Packard Enterprise Data Science Institute training   **Summer 2021**
- Learned basic programming skills including Python, R, Tableau, Cluster Computing Linux
- Went through data management process like import / explore / cleaning data

Equity research (Investment Portfolio Mgmt Project)   **Spring 2021**
- Built DCF model to do valuation of different companies in different industries and make buy/sell recommendations
- Built portfolio and improve its performance with information from stock track, capital IQ and bloomberg

Trend Analysis of ExxonMobil and Chevron (Financial Accounting)   **Fall 2020**
- Collected data from 10-Ks of ExxonMobil and Chevron to create common-sized balance sheet and income statement
- Implemented trend and comparative analyses over past three years

Cash Flow Analysis (Financial Statement Analysis)   **Fall 2020**
- Built DCF model to perform cash flow analysis and valuation of companies such as Lululemon, a glass solutions company, and a Texas Hill Country hotel
- Made buy/sell recommendations to investors, and financing and investing recommendations to the CEO

Research on Seismic Isolation System of Huge Span Bridges (Civil Engineering Thesis)   **Spring 2017**
- Conducted tension experiment of high strength wire, and used MATLAB and Excel to perform statistical analysis
- Wrote program that utilizes Monte Carlo method to simulate distribution of mechanical characteristics of cables
- Used MATLAB and Excel to write program to synthesize pulse characteristics in near-fault ground motions, using signal processing techniques

EXPERIENCE

UNIVERSITY OF HOUSTON (Measurement and Evaluation Center), Houston, TX   **Fall 2021**
Research Assistant (data analyst)
- Using SQL and excel to collect and sort students' feedback data from different departments and generate reports
- Reviewed and modified VBA code to generate pdfs on students' comments data

UNIVERSITY OF HOUSTON, Houston, TX   **Summer 2021**
Instructional Assistant
- Tutored students one-on-one and hold weekly review sessions in Principles of Financial Management (FINA3332)
- Assisted professor in preparing course topics and exam review sessions

LABEAUD LABS, Dallas, TX   **Fall 2020**
Analyst Intern
- Applied cost-benefit analysis and developed financial projections of Lencho's concrete product
- Applied cost-benefit analysis of Winsam's new visual dashboard project

SICHUAN PROVINCIAL TRANSPORT AND HIGHWAY RESEARCH INSTITUTE, Chengdu, China   **Summer 2016**
Bridge Engineer Intern
- Performed structural analyses of two highway bridges utilizing SAP2000 and MIDAS, to ensure design's safety
- Created drawings for construction of river bridge towers and piers utilizing AutoCAD

ADDITIONAL

Software: Microsoft Project, PowerBI, Visual Studio, MATLAB, MySQL, AutoCAD
Operating Systems: Windows XP/7/8/10
Programming Languages: C++, C#, SQL, Python, VBA
Fluent in Mandarin
Bauer MBA Society, Finance Club, 2020-Present