

Yixuan Wang

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EDUCATION

Master of Science in Business Analytics (STEM)

Boston University Questrom School of Business; Boston, MA

Anticipated August 2021

Master of Science in Chemical Engineering (STEM)

Northeastern University College of Engineering; Boston, MA

May 2020

Bachelor of Science in Biological Engineering

Xiamen University; Xiamen, Fujian, China

June 2018

RELEVANT WORK EXPERIENCE

Economic and Financial Analytics Intern

Industrial Securities, Shanghai, China

January 2020 – April 2020

- Applied Wind database to analyze competitive landscape of hundreds of different drugs as an analyst.
- Completed a research report related to COVID-19 test methods and companies producing test kits.

Research & Development Intern

Unilever; Shanghai, China

June 2019 – August 2019

- Designed and led an innovative research project related to human microbiome in beauty and personal care business as a research assistant with three team members.
- Conducted a prior art analysis using patent and BPC product database and bioinformatics analysis as an analyst; successfully found out potential role of a skin metabolite of interest.

RELATED PROJECTS

Computational model of a HAN-based Satellite Thruster; Northeastern University, Boston, MA

2019

GitHub: <https://github.com/YixuanWang1201/YixuanWang>

Utilized Python and Cantera to create an innovative model of rocket engine chamber and HAN decomposition reaction with 2 teammates.

- Generated temperature, pressure, and composition gradients across catalyst bed to calculate thrust and impulse of specified engine; optimized reaction conditions by conducting sensitivity analysis.

RELEVANT SKILLS

Technical Skills: Python, SQL, Microsoft Office Suits

Relevant Coursework: Describing, Analyzing, and Using data, Introduction to Programming for Data Science, Business Analytics Toolbox, Introduction to Data Analytics, Economic Decision Making, Financial Management for Engineers, Computer Modeling in Chemical Engineers

Coursera Course Certificates: Programming for Everybody(Getting Started with Python), Python Data Structures, SQL for Data Science, Excel Skills for Business

ADDITIONAL INFORMATION

Language: Professional proficiency in speaking, reading, and writing English and Mandarin.

Leadership: Class monitor, Leader of Western Dream Organization

Interests: Table tennis, Erhu, Volunteer teacher, Traveling, Cooking