

Chris Liu

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EDUCATION

Baruch College - Zicklin School of Business

Master's of Science in Statistics (In Progress)

New York, NY

08/2024 - Present

Boston University

Bachelor's of Science in Mechanical Engineering, Technology Innovation Concentration

Boston, MA

09/2017 - 5/2021

Technische Universität Dresden

Engineering Study Abroad Program

Dresden, Germany

2/2019 - 6/2019

WORK EXPERIENCE

Verse Medical

New York, NY

Lead Operations Data Analyst

11/2023 - 8/2024

- Managed analytical inquiries and report requests to increase departmental growth across the entire company
- Contributed to database infrastructure upgrades to support the increased load from on-going data requests
- Collaborated on ETL processes using dbt to optimize and transform data within our company's infrastructure

Operations Associate II

9/2022 - 11/2023

- Supervised operations team daily workflow & addressed cross departmental ad-hoc requests punctually
- Identified operational bottlenecks in order to forecast hiring headcount and process improvements
- Communicated client pains to product devs in order to drive customer satisfaction with company's platform
- Utilized SQL & Metabase to create dashboards for executive stakeholders, operations, and customer success

Operations Associate

2/2022 - 8/2022

- Conducted compliance assessments on clinical data to ensure adherence to regulations to mitigate risk
- Overhauled operational process changes to accommodate a user base increase of 500% over 6 months
- Established daily operational workflow, contributing to enhanced productivity for the operations team

Hi Stakes, Inc.

Brooklyn, NY

Business Operations Analyst Intern

7/2019 - 8/2019

- Worked directly with co-founders to help establish partnerships and funding from organizations including Maple Leaf Sports & Entertainment and The National Basketball Association
- Researched and identified market opportunities in pursuit of growing a dedicated user base

LEADERSHIP & AFFILIATIONS

Theta Tau, Psi Delta Chapter - Public Relations Chair

9/2019 - 5/2020

- Acted as a public liaison for the College of Engineering and the Greater Boston community
- Spearheaded effort to increase membership which garnered interest from 100+ potential new members

BU Racing - Collegiate Formula Hybrid SAE Team Member

9/2017 - 5/2021

- Supported the chassis team by designing and developing parts that adhere to collegiate SAE standards
- Iterated overall chassis design & weight for aerodynamic efficiency while improving structural integrity

PROJECT EXPERIENCE

Automated Manufactured Fire Starter Kit

- Designed a case that houses materials to start a fire that can be produced in a flexible manufacturing cell
- Utilized automated manufacturing methods via PLC controls, machine vision learning, and industrial robot arms while incorporating lean manufacturing ideologies (Six Sigma)

Arduino PC Controller

- Designed an ergonomic handheld controller used to play *Punch-Out!* on a PC emulator using Python
- Utilized Arduino technology with various sensors to encapsulate motion controls that mimicked boxing

TECHNICAL SKILLS

• MATLAB • Microsoft Excel • Metabase • C • Python • SQL