

HURSH DESAI

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EDUCATION

New York University, Leonard N. Stern School of Business

New York, NY

Bachelor of Science in Business and Political Economy, Bachelor of Science in Data Science

Expected May 2021

- **GPA:** 3.3
- **Study Abroad:** London, UK (Fall 2018) and Shanghai, CN (Spring 2019)
- **Relevant Coursework:** Machine Learning, Data Bootcamp, Decision Models & Analytics, Data Structures
- **Projects:** ASL Letter Translator(Convolution Neural Net), PCA for Facial Recognition, CAPM Derivation Report

Milpitas High School

Milpitas, CA

- **GPA:** 4.1 (top 2%) | **SAT:** 1490 | **Activities:** Baseball Team Captain, Chess Club VP, Milpitas Library Tutor *May 2017*

PROFESSIONAL EXPERIENCE

Peblio

New York, NY

Data Analyst Intern

June 2019 – August 2019

- Extracted insights for how to improve least popular features on our product website using data collection and data analysis tools I implemented in Google Tag Manager & Analytics to track teacher and student behavior
- Created long term customer acquisition and retention data analytic tools in Google Analytics for marketing purposes

Botfactory

New York, NY

Data Engineering/ Visualization Intern

June 2019 – August 2019

- Created a scalable yet adaptable 'just-in-time' manufacturing scheduling web app using Odoo's open source MRP module
- Utilized Odoo's ORM API to run SQL queries in Python to pull, store, and manipulate inventory & manufacturing data, and created a dynamic scheduling app GUI in XML to display this data

JustPick App

Milpitas, CA

Personal Project

November 2018 – January 2019

- Designed app to efficiently facilitate choosing a place to eat among friends; built using Flutter, a powerful app development framework that deploys to both iOS and Android
- Learned programming language Dart, how to build out app's backend, including server and database storage; self-taught graphic design and Google's Material Design, in order design an attractive UI and UX

Science Gurus

Redwood City, CA

Research Intern

June 2017 – August 2017

- Researched relationship between Bcr-Abl gene and colon cancer to present a comprehensive report to a panel of experts; used cutting edge biotechnology/bioinformatics tools to explore industry process of drug design/discovery

EXTRACURRICULAR ACTIVITIES

Hack the Pearl – HSBC Sponsored Hackathon

Shanghai, CN

Most Efficient Code Award Winner

April 2019

- Worked with Pandas & NumPy to parse HSBC provided 1.7 Gb of customer data regarding their investments/personal transactions (including both categorical and numerical features), then used Pytorch to predict the binary probability of a new customer subscribing to a HSBC product

Stock Market Analysis Visualization

Milpitas, CA

Personal Project

January 2018 – February 2018

- Utilized the PyData Libraries to graphically visualize stock ticker data analysis including prices, returns, risk and variability; Monte Carlo simulation, confidence intervals, and correlation charts were used to accomplish these tasks
- Applied Seaborn, Matplotlib, Pandas, and NumPy to refine, evaluate, and constructively visualize the financial details

Business Analytics Club

New York, NY

Member

September 2017 – May 2018

- Attended workshops focused on analytical tools such as the PyData Libraries, Excel, and SQL as well as seminars aimed at increasing exposure to new technologies and how they affect the business practices of various industries

SKILLS & INTERESTS

- **Skills:** ML modeling (PyTorch) · Python (Data Science Libraries) · SQL · Photoshop · Flutter · Excel (Solver)
- **Foreign Languages:** Gujarati (Advanced) · Hindi (Elementary) · Spanish (Elementary) · Chinese (Conversational)
- **Interests:** Music Production (Ableton) · Video Editing (Premiere) · Graphic Design (Photoshop) · Researching