Nicholas Lin

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EDUCATION

New York University   **New York, NY**
B.A. in Computer Science and Data Science (GPA: 3.0)   *Expected Graduation Date: May 2023*

- **Relevant Coursework:** Computer Systems Organization, Data Structures, Database Management and Analysis, Responsible Data Science, Causal Inference, Programming Tools for the Data Scientist, Probability and Statistics, Calculus II, Linear Algebra, Discrete Math

WORK EXPERIENCE

Operations Manager   **May 2020 – August 2021**
Yummy Yummy Chinese Restaurant   *Bellmawr, NJ*

- Established partnerships with food delivery services as well as overseeing restaurant's online sales and point of sale systems
- Increased revenue by approximately 20% while processing around 5,000 weekly customers and $100k in monthly revenue

PROJECTS

Predictive High School Acceptance Analysis   **July 2021**

- Analyzed NYC DOE dataset of 594 middle schools to identify features in order to build a predictive model to analyze how school funding and metrics affected student success and educational admissions
- Pre-processing algorithms along with feature analysis, along with use of visualization libraries and statistical query models, allowed for insights into specific feature weights within provided dataset

Zillow's Zestimate ADS Nutritional Label   **May 2022**

- Constructed a machine learning interpretability tool for Zestimate, an automated decision system utilized by Zillow, after pre-processing, label-encoding, and cross-validating multiple datasets
- Generated visualizations of bias within the ADS, valuated fairness of implementations, and analyzed system's predictive parity while explaining classifiers within the algorithm

LEADERSHIP EXPERIENCE

Co-Founder, President   **September 2022 - Present**
NYU Barbell Club   *New York, NY*

- Devised organization vision, mission, and foundational structure to facilitate early growth
- Recruited and oversaw executive board of 12 core members in order to expand growth, expedite initial influence and interest on campus, and manage a club with over 300 initial members

VOLUNTEER EXPERIENCE

Elementary Program Tutor   **January 2022 - Present**
Apex For Youth   *New York, NY*

- Provided academic, social, and cultural curriculum for students on-site at PS169 Sunset Park
- Fostered an environment focused on community engagement, emotional security, and cultural awareness for both underserved Asian and immigrant youth from low-income families through NYC

ADDITIONAL SKILLS

Technical Knowledge: Excellent in Java and Python, C, SQL, MongoDB