

Hanna Yen

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OBJECTIVE

To secure a summer internship that revolves around problem framing, data analysis, and building models that help translate data points into actionable business insights by utilizing statistical analysis, programming, and critical thinking skills.

EDUCATION

Cornell University, College of Engineering, Ithaca, NY **Expected Dec. 2023**
Master of Engineering, Operations Research and Information Engineering; concentration in Data Analytics

Cornell University, College of Engineering, Ithaca, NY **Expected May 2023**
Bachelor of Science, Operations Research and Information Engineering
GPA: 3.524; Dean's List Spring 2021, Spring 2022, Fall 2022

Relevant Courses: Tools for Operations Research, Machine Learning, and Data Science; Data Mining and Machine Learning; Spreadsheet-Based Modeling and Data Analysis; Simulation Modeling and Analysis; Big Data Technologies
Data Science Projects: COVID-19 Global Vaccination Rate Analysis, MLB Salary Prediction Analysis

PROFESSIONAL EXPERIENCE

Data Science & Analytics Intern, Cayuga Health Partners, *Student Intern* **Oct. 2022-Present**

- Analyzing patient billing data of various specialty areas using data exploration techniques in SQL and Python
- Developing a predictive model to predict out-of-network service referrals

Data Science & Analytics Intern, Ascot Group, *Intern* **Jun. 2022-Oct. 2022**

- Wrote queries using PostgreSQL to access submission exposure data from database
- Performed exploratory data analysis and created visualizations of submission data using Power BI, Excel, and R
- Built decision tree models using R that prioritized and scored submissions to increase the bind-to-submission ratio for 2 underwriting teams while constantly conferring with both teams for new insights on a weekly basis

Cornell Annual Fund, Cornell University, *Student Manager* **Sep. 2019-May 2022**

- Oversaw daily operations of phoning program during biweekly shifts and management meetings, served as a resource and advocate for student callers, telephoned alumni using strong interpersonal and communication skills
- Individually achieved over \$20,000 in sales with a 64.42% pledge rate and \$151.28 average pledge

Viola and Violin Teacher, Self-Employed, *Teacher* **Jan. 2016-Sep. 2021**

- Taught students fundamental and advanced musical performance and interpretation techniques in preparation for the annual New York State School Music Association performance test for 1 hour biweekly/weekly lessons

LEADERSHIP EXPERIENCE

Cornell Electric Vehicles Project Team, Cornell University, *Operations Subteam Lead* **Sep. 2020-Present**

- Supervises subteam members and projects, plans team direction, develops team website using ReactJS
- Implements organization and efficiency of various team processes by collaborating with subteam leads during weekly meetings and discussing with subteam members during biweekly work sessions

Women's Club Softball Team, Cornell University, *Co-President* **Sep. 2020-Present**

- Organizes and facilitates biweekly team practices and various season logistics, responsible for player recruitment, coordinates game schedule and team fundraisers during season, manages social media, creates high team morale

SPECIALIZED SKILLS

Tools & Development: Python (Scikit-learn, NumPy, Pandas, Jupyter Notebook), SQL, R, Java, ReactJS, HTML, CSS, OCaml, UNIX Shell Scripting, QGIS, Tableau, Power BI, Simio, Excel, GitHub