Ethan Feldman

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EDUCATION

New York University, New York, NY   08/2023 – Present
Bachelor of Science, Applied Physics
Cumulative GPA: 3.82
Honors: Global Leadership and Sustainability Scholar, Dean's List
Expected Graduation Date: May 2027
Relevant Coursework: Data Analysis.

EXPERIENCES

Data Analyst Intern, **FEMA,** New York, NY   07/2024 – 10/2024
- Worked in a constantly changing and deadline-oriented environment.
- Improved formatting on a PowerBI dashboard, resulting in a 24% reduction in reading time.
- Worked directly with stakeholders to iterate designs in Tableau, improving dashboard usage rate by 50%.

Research Fellow, **Ballotpedia,** Remote   08/2024 – 11/2024
- Researched over 100 local political candidates to help inform voters.
- Volunteered for 20+ hours, working on democratizing knowledge on often overlooked small candidates.

Researcher, **NYU Tandon UGSRP,** New York, NY   06/2024 – 08/2024
- Created a suite of automated data analysis tools that directly processed data from multiple CSV files, speeding up collection by 100x.
- Designed 3D printable containers for strong magnets reducing workplace injuries by 100%.
- Developed precise testing methods for atomic radius, reducing measured error by 96%.

Database Intern, **Smith and Oby,** Solon, OH   05/2023 – 06/2023
- Created and maintained a database in Microsoft Access containing info about 250+ employees, allowing for easier coordination.
- Utilized SQL to automate key business processes with queries.

EXTRACURRICULARS

Committee Member, **New Club Development Program**   08/2024 – Present
- Evaluated 50+ clubs on their potential viability and delivered recommendations on if they should be admitted.
- Designed a rubric to effectively project future club attendance from a given growth plan.

Undergraduate Representative, **NYU Design for America**   08/2023– Present
- Managed food, attendance and location for events cumulatively totaling over 500 attendees.
- Used A B testing in club marketing to better attract new members, resulting in an 83% increase in registrations.
- Designed and hosted multiple competitions to promote potential sustainable ideas for startups, attracting 100+ cumulative attendees.

Team Leader, **DTCC – The Future of Coding with AI**   08/2023 – Present
- Utilized BigQuery to scrape over 100 Gigabytes of code from GitHub.
- Developed an automated testing loop, improving the accuracy of AI generated code by over 50%.
- Successfully led a team through creating a project, setting and meeting every deadline.

HONORS

Global Leadership and Sustainability Scholar
- Met with a top UN officer on ways for university students to aid the completion of UN SDGs.
- Participated in a series of seminars that discussed limiting GHG emissions and other various forms of climate resilience.

NYC Quantum Hackathon
- Developed a quantum model to describe the excited states of a Lithium Hydride molecule, achieving 99.9% accuracy and a 10^5 X speedup.
- Presented a slide deck summarizing relevant literature, the current state of the industry and the sustainability benefits of my team's solution.
- Placed 3rd in the healthcare category.

SKILLS

SQL, Microsoft Office, Python, Tableau, PowerBI.