Rahi Dasgupta

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EDUCATION

Cornell University   **Ithaca, NY**
Ann S. Bowers College of Computing and Information Science   *August 2023 - Expected May 2027*
Bachelor of Science; **Major** in Information Science (Data Science Conc.), **Minor** in Applied Economics
Relevant Courses: Statistics, Comp. Sci. Design & Dev. (Python), Calculus, Web Design (HTML, CSS, JavaScript)

Olathe Northwest High School   **Olathe, KS**
21st Century Engineering Program   *August 2019 - May 2023*
Relevant Courses: AP Calculus BC, Multivariable Calculus, Linear Algebra, AP Statistics, AP Chemistry, AP Physics

RELEVANT EXPERIENCES

Tredence Inc.   **Foster City, CA**
Data Science Intern   *May 2024 - Aug 2024*
- Designed and implemented advanced Machine Learning algorithms to uncover patterns, optimize delivery processes, and empower data-driven decision-making for clients such as Walmart and Norwegian Cruise Lines.
- Refined my presentation skills and was 1 of 4 chosen to present my project on optimizing Process Performance Indicators (PPI) for operational efficiency to the entire company.

Millenium Management LLC   **Remote**
Market Sentiment Analyst Intern   *Jan 2024 - May 2024*
- Conducted market sentiment analysis using Python and Millenium's financial data, presenting actionable insights on market trends to guide strategic decision-making.

Andrew Hein Computational Ecology Lab   **Ithaca, NY**
Undergraduate Researcher   *Aug 2023 - Present*
- Labeling Chromis fish behavior using Matlab to develop future computer vision models to detect and analyze behavior patterns in Chromis

EXTRACURRICULAR ACTIVITIES:

Cornell Data Journal   **Ithaca, NY**
Project Lead, Vice President of External Affairs   *August 2024 - Present*
- Leading a project to perform exploratory data analysis to develop machine learning models predicting IC50 values based on drug name and cancer type, enabling insights into drug efficacy for specific cancers.
- Managing Cornell Data Journal's social media presence and website using HTML, CSS, and JavaScript, while spearheading recruitment initiatives to drive member engagement and growth.

Cornell Engineering World Health - Software Subteam   **Ithaca, NY**
Software Engineer   *October 2024 - Present*
- Developing a platform using React to create and store custom curriculums, streamlining their transformation into applications for Rose Academies.
- Collaborating with the electrical team to integrate an fNIR sensor for SpO2 detection and developing software to process and display sensor data in a standalone application for Ceribell.

The Period Project   **Ithaca, NY**
Founder   *August 2022 - August 2023*
- Founded the period project initiative to remove stigma around menstruation and to reduce period poverty.
- Successfully donated ~40,000 menstrual products sourced from Always and Knix

SKILLS:

Machine Learning: (Linear/Logistic Regression, Gradient Boosted Decision Trees, Random Forests, Neural Networks)
Programming: Python (NumPy, Pandas, Matplotlib, Scikit-learn, TensorFlow, Data Structures & Algorithms), HTML, CSS, JavaScript (React Library), Java