

# Sawyer Huang

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## EDUCATION

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### Cornell University

Master of Engineering in Operations Research and Information Engineering

Expected May 2022

Bachelor of Arts in Information Science, 3.5

Dec 2021

- Activities: Class of 2022 Council – Executive Vice President | CUTonight Commission – President | Cornell University Autonomous Underwater Vehicle – Business Lead | Social Enterprise at Cornell – Consultant | Zeta Psi Social Fraternity – Recruitment Chair | Cornell Barbell Club

## EXPERIENCE

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### WarnerMedia

New York, NY

Data Analyst

Jan 2022 - Present

- Spearheaded the OKR process by developing an automated system to collect Objective and Key Results data from each WMTO vertical and report insights in dashboards using Smartsheets
- Consolidated operational data metrics to help support business case recommendations
- Created data visualizations that aligned organization resources to consumer touchpoints to simplify complexity of technology inputs to the business outcomes
- Assisted in the creation of monthly newsletters that showcase trends in the media & entertainment industry by evaluating market trends, business opportunities, and tech innovation

Technical Strategic Planning Intern

June 2021 – Dec 2021

- Designed and developed data visualizations for workflows of the 7 departments in the WarnerMedia Technology Office to enhance efficiency across the company.
- Analyzed data and assisted in creating presentations for stakeholders to communicate core strategy.
- Presented a new dashboard to management that would be used by the executive team.

### Cresca Group

Atlanta, GA

Data Analytics and Dashboard Development Intern

Jun 2020 - Aug 2020

- Analyzed data for actionable insights and KPIs to drive marketing campaigns and operational improvements for 3 ecommerce brands.
- Improved efficiency by developing dashboards with data visualizations in Google Analytics and Grow that compiled marketing, operations, fulfillment, and sales data using SQL queries.
- Improved marketing outreach by over 100%.

## PROJECTS

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### Predicting Election Data

Nov 2020 - Dec 2020

- Cleaned and processed a dataset of voting data from the 2016 election.
- Developed a Neural Network with 86% accuracy and an SVM with 82% accuracy.
- Scored in the top 10 teams of our class with over 400 students.

### Analyzing Trends in IUCN Critically Endangered Species

Apr 2020 – May 2020

- Web scraped to find accurate information on critically endangered animals.
- Built the dataset before cleaning and processing the data in Python for analysis.
- Presented key insights by analyzing correlating variables and building models.

## AWARDS AND CERTIFICATIONS

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- LinkedIn Learning – Becoming a Product Manager: A Complete Guide
- Google Analytics Individual Qualification
- Cornell A&S Dean's List (Fall 2020 & Spring 2021) | Wallkill Senior High School Salutatorian

## SKILLS

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- Languages: SQL | Python | R | Julia | Java | Javascript | HTML | CSS | PHP
- Libraries: Tensorflow | PyTorch | Scikit-Learn | Pandas | Numpy | Matplotlib | Seaborn | D3
- Tools: Data Analysis | Data Visualization | Statistical Modeling | Machine Learning | Text Mining | Excel | MS Office Suite | Google Suite | Google Analytics | Tableau | Product Management