

## **Hannah Stauss**

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### **Education**

#### **NEW YORK CITY COLLEGE OF TECHNOLOGY**

Bachelor of Science in Data Science, Minor in Physics  
Dean's List

Brooklyn, NY

Dec 2023

#### **BYRON NELSON HIGH SCHOOL**

GPA: 4.0 | SAT: 1520 | ACT 35  
Vice President and Treasurer of Speech and Debate  
President of Theatre  
Founder and President of service-based club, Operation Outreach

Trophy Club, Texas

May 2019

### **Experience**

#### **TECHNICAL SKILLS**

- Programming Languages: Python, Java, R, HTML/CSS/JavaScript
- Database Management: SQL, MS Access, Pandas and related libraries in Python
- Additional Tools: Tableau, Canva, Photoshop, Microsoft Office

#### **PROJECTS**

Happiness Index Analysis – Independent Project

- Analyzed the top 38 countries on the Happiness Index in Python against correlating indicators.
- Created a model to predict happiness based on factors from the World Data Bank and Gallup Polls
- Created detailed and engaging presentation and visualizations

Data Science Open Educational Resource – In-Progress – Co-Collaborator

- Building a comprehensive educational resource to walk students through sourcing, cleaning, merging, analyzing, visualizing, and presenting data in Python.

Digital Recipe Book – Independent Project

- Sharable recipe book created in HTML/CSS/JavaScript using 30+ original graphics.

#### **RELEVANT COURSES**

- Object-Oriented Programming and Data Structures and Algorithms in Java
- Information and Data Management I & II (Python)
- Database Management and Administration (Oracle SQL)
- Machine Learning for Physics and Astronomy (Python)
- Natural Language Processing (Python)
- Web Programming (HTML/CSS/JavaScript)