REESE BURNS

New York, NY | (415) 994-7823 | reeseburnzy@gmail.com | www.linkedin.com/in/reeseburns

EDUCATION

New York University, College of Arts and Sciences | New York, NY   May 2025
Bachelor of Arts, Computer Science, GPA: 3.5
Minors, Mathematics and Psychology
Relevant Coursework: Data Structures & Algorithms, Artificial Intelligence, Data Management & Analysis
Current Coursework: Financial Accounting, Decision Models & Analytics, Software Engineering

TECHNICAL SKILLS

Data Analysis & Visualization: Python (pandas, NumPy), SQL, MS Excel, Tableau, R
Programming & Machine Learning: Python (scikit-learn, TensorFlow, matplotlib), Java, SPSS, C
Database Management: SQL, SQLite, MongoDB
Tools & Platforms: Jupyter Notebook, Anaconda, Github, MS PowerPoint

PROJECTS

Birth Order Research Article | Python, SQL, R   May 2024 – Present
- Conducted research, data collection, and data analysis on birth order in families and its impact on personality and intellectual development
- Created data models and visualization to illustrate correlations between birth order and factors such as introversion, agreeableness, conscientiousness, academic success, and IQ

Travel Website | HTML, CSS, Javascript   April 2024 – Present
- Developed an interactive travel website with dynamic content and user-responsive elements
- Implemented visual styling and interactive effects to enhance user experience

Memory Recall Game | Java   April 2023
- Designed a matching card game that utilizes data handling and manipulation using object-oriented programming
- Implemented features to display, hide, and check for image matches, analyzing user interactions

EXPERIENCE

Teaching Assistant | *New York University***, New York, NY
Jan. 2023 – Present
- Apply Python and Java to analyze and debug student assignments, improving code accuracy and efficiency
- Provide detailed data-driven feedback to help students build their programming skills

Marketing Analytics Intern | *Saffron Communities***, San Francisco, CA
June 2022 – Sept. 2022
- Leveraged Excel for analyzing and organizing company event data
- Developed and managed social media strategies, enhancing event promotion and engagement
- Provided data insights to advise clients on optimizing event planning and execution

NCAA DIII Athlete | *New York University Swim & Dive***, New York, NY
Sept. 2020 – May 2022
- Commit 24+ hours per week to training, travel, and competition while balancing academic responsibilities
- Developed strong concentration, dedication, work ethic, and time management skills
- *Intercollegiate Athletics Advisory Committee (2021):* recognized for outstanding academic achievement as a student-athlete

ACTIVITIES

Clubs and Societies: Intercollegiate Athletics Advisory Committee, Girls Who Code, Women Who Code

Volunteer | *New York Cares*

July 2023 – Present
- Assisted adults with physical therapy exercises, ensuring effective and engaging sessions
- Provided math tutoring to children in grades 1-5, fostering a supportive educational environment

Head Volunteer | *USA Swimming Foundation: Make a Splash*
- Instructed underprivileged children in swimming, focusing on safety and proper technique
- Coordinated and promoted fundraising events, increasing community engagement and support