

Alex Chen

Brooklyn, NY | 843-455-7901 | 112623chen@gmail.com | [Linkedin](#) | [GitHub](#) | [Portfolio](#)

EDUCATION

New York City College of Technology, CUNY

Brooklyn, NY

Bachelor of Science in Data Science

06/24

- GPA: 3.8/4.0, Dean's List for 3 semesters
- Relevant Coursework: Data Structures, Information and Data Manage I (Python), Object-Oriented Programming (Java), Linear Algebra, Probability and Statistics I

TECHNICAL SKILLS

Languages/Framework (Proficient): Python, Java, SQL

Languages/Framework (Prior Experience): R, HTML, CSS, JavaScript

Software: Git, GitHub, Excel, Data Studio, Tableau

PROGRAMMING PROJECTS

Biodiversity in National Parks Analysis - [GitHub](#)

- Analyzed 30,000 data points using python libraries, Pandas, SciPy, NumPy, Seaborn, and Matplotlib, to answer questions about different species in 4 national parks and the 191 endangered species within the parks
- Utilized chi-squared tests to see statistically significant differences in conservation status rates among 7 different groups of species

Manhattan School District Standardized Testing Analysis - [GitHub](#)

- Summarized 2 data sets with a total of 5,000 data points using Pandas, Seaborn, and Matplotlib libraries within python, to help understand how exam scores have changed over a 6 year period

Gym Website - [Project Page](#)

- Created an interactive website using HTML, CSS, JavaScript, and CSS box model to potentially reach 10 percent more customers

WORK EXPERIENCE

The Urban Assembly

New York, NY

Operations & Data Intern

03/22 - 05/22

- Identified opportunities for improvement within the data collection and analysis process across 12 different data sources
- Constructed data visualizations for easier and faster access to information for members across 3 different teams
- Retrieved and analyzed over 10,000 data points across 3 departments to help better plan the placement of resources
- Streamlined and maintained the usability of 10 data sets across different departments

EBC High School

Brooklyn, NY

Teacher Aid

07/21 - 08/21

- Reinforced classroom of 15 students' understanding of high school mathematics through clear examples of patterns within mathematics
- Assisted lead teacher in monitoring and reporting student progress daily
- Maintained order in a classroom of 15 students and assisted lead teachers in conflict solving
- Supported 4 teachers and administrators in creating a successful learning environment for students