

Alex Chen

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EDUCATION

New York City College of Technology, CUNY

Brooklyn, NY

Bachelors of Science in Data Science

06/24

- GPA: 3.7/4.0
- Dean's List: Spring 2021

Coursework:

Problem Solving with Computer Programming(Python), Object-Oriented Programming(Java), Linear Algebra, Discrete Structures and Algorithms, Probability and Statistics

EXPERIENCE

Chinese-American Sunshine House

Brooklyn, NY

Mentor

08/21- Present

- Provided support to students by aiding them with opportunities to explore their interests
- Helped individual students with their coursework by communicating with them to establish habits, resulting in the student having a better comprehension of the material within their coursework

EBC High School

Brooklyn, NY

Teacher Aid

07/21 - 08/21

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

Sarku Japan

Bridgewater, NJ

Cashier

11/19 - 01/20

- Operated POS cash register and the handling of 90 transactions on average daily efficiently and accurately
- Directed customers through different products and customized products to customers' satisfaction
- Collaborated with teammates to ensure products were delivered on time and precisely

TECHNICAL SKILLS

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

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

PROGRAMMING PROJECTS

Life Expectancy and GDP Analysis

- Description:
Through the use of pandas, NumPy, seaborn, and Matplotlib, data containing countries and their gross domestic product and life expectancy across fifteen years was used to answer questions around how life expectancy and GDP are connected
- Github Page: <https://github.com/112523chen/Life-Expectancy-and-GDP-Analysis>

Fall 2020 Math Courses Grade Analysis

- Description:
Through the use of Streamlit, pandas, and Matplotlib, visualizations of the grade distribution were created within a web application
- Github Page: <https://github.com/112523chen/Projects>