DENNIS CHEN

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EDUCATION

Boston University											**Expected May 2026**
Bachelor of Art in Computer Science								*Boston, MA*
- Relevant Coursework: Calculus I & II, Statistics I, Intro to Computer Science I & II, Combinatoric Structures

TECH STACK

Languages: Python, HTML, CSS, Javascript, SQL, C
Frameworks/Libraries: Bootstrap, Tkinter, Pandas, Smtplib, BeautifulSoup
Tools: Git, Visual Studio Code, Microsoft/Google Suite

WORK EXPERIENCE

NYC Department of Youth & Community Development				**Jul. 2022 - Aug. 2022**
Data Analyst Intern										*Manhattan, NY*
- Analyzed 50,000+ registration and response records to evaluate technical assistance training effectiveness.
- Created a 20+ chart report visualizing 2 years of participation data, highlighting growth opportunities in different sectors.
- Provided recommendations to streamline data organization to enhance workflow efficiency for the Capacity Building Unit.

Manhattan Community Board 1							**Jul. 2021 - Aug. 2021**
Information Technology Intern									*Manhattan, NY*
- Compiled outdoor dining data for 100+ restaurants, identifying a 33% correlation between complaints and investigations.
- Troubleshooted 50+ devices by running diagnostics tests and removing outdated units.
- Inputted 30-day notice data into Airtable as reference material for Licensing Committee members.

PROJECTS

Stock Notify (Python)
- Developed a bot that provides financial news alerts related to specific stock price movement.
- Implemented stock price monitoring and news retrieval functionality using AlphaVantage API.
- Utilized asynchronous tasks via async API wrapper enabling simultaneous price checks.

Sino Flash (Python)
- Developed a flashcard application in Python/Tkinter to help users learn Mandarin vocabulary.
- Designed responsive front-end with customized flashcards for visually appealing interface.
- Loaded/saved flashcard data from CSV files using Pandas enabling dynamic word selection per session.

Dataset Cluster Analysis Project (Python, SQL)
- Queried massive datasets on a cloud-hosted server for multivariable cluster analysis using Python.
- Leveraged Pandas to efficiently organize and analyze complex datasets.
- Published findings on GitHub after drawing conclusions based on analysis figures.

LEADERSHIP & ACTIVITIES

Limbless Devs										**Oct. 2022 - Present**
Developer											*New York, NY*
- Contributed to a student development team exploring technical concepts through projects.
- Summarized progress in biweekly standups to maintain communication and coordination.

United Chinese Language Association						**Sep. 2022 - May 2023**
Public Relations Committee									*Manhattan, NY*
- Facilitated collaboration of student organizations to produce culturally immersive events.
- Promoted dissemination of Asian cultural appreciation among students at Baruch College.

Sweet Streams Academy								**Jul. 2018 - Sep. 2019**
Teacher Assistant										*Brooklyn, NY*
- Cultivated a positive, welcoming learning environment for students and assisted faculty with file allocation.
- Provided small group tutoring to ~30 students in mathematics, English, and science.