

DENNIS CHEN

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<https://tabularization.github.io/portfolio> | <https://www.linkedin.com/in/denniscse/>

EDUCATION

Boston University

Bachelor of Art in Computer Science

Expected May 2026

Boston, MA

- Relevant Coursework: Calculus I & II, Statistics I, Intro to Computer Science I & II, Combinatoric Structures

TECH STACK

Languages: Python, HTML, CSS, Javascript, Java, C

Frameworks/Tools: Bootstrap, Tkinter, Pandas, Smtplib, BeautifulSoup, Git, Visual Studio Code, Microsoft Office

WORK EXPERIENCE

Boston University

Sep 2023 - Present

Information Technology Support Specialist

Boston, MA

- Diagnosed and resolved classroom IT issues, optimizing Crestron panels and projectors for AV teaching.
- Resolved software and hardware errors to maintain uninterrupted class instruction.
- Collaborated with faculty to understand specific classroom technology needs and provide tailored solutions.

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 opportunities in different sectors.
- Provided recommendations to streamline data organization to enhance workflow efficiency.

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- Troubleshooted 50+ devices by running diagnostics tests and removing outdated units.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, utilizing asynchronous tasks via async API wrapper for simultaneous price checks.
- Implemented stock price monitoring and news retrieval functionality using AlphaVantage API.

Sino Flash (Python)

- Developed a flashcard application in Python/Tkinter to help users learn Mandarin vocabulary.
- 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.

LEADERSHIP & ACTIVITIES

Limbless Devs

Oct 2022 - Present

Developer

New York, NY

- Committed to a student development team exploring technical concepts through projects.
- Summarized progress in biweekly standups to maintain communication and coordination.

Kenvue Career and Mentorship Program

Jul 2023 - Sep 2023

Participant

Skillman, NJ

- Developed a portfolio website, employing HTML, CSS, and JavaScript to demonstrate technical proficiency.
- Completed a 9-week STEM program affiliated with Kenvue, emphasizing innovation and internship success.