Anthony Chen

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EDUCATION

Northeastern University   **Boston, MA**
B.S. in Computer Science and Business Administration   *Expected Spring 2025*
- **Cumulative GPA:** 3.8/4.0, Dean's List all semesters
- **Coursework:** Foundations of Software Engineering, Object-Oriented Design, Algorithms and Data, Database Design, Networks and Distributed Systems, Discrete Structures, Investments, Financial Management, Financial Accounting

WORK EXPERIENCE

Boston Psychoanalytic Society and Institute   **Newton Centre, MA**
IT Data Integration & Web Development Co-op   *June 2023 - December 2023*
- Integrated a cloud-based database of 5000+ records with a dynamic webpage through API and Plugin utilization, enabling automated real-time updates.
- Independently created 8+ Python scripts tailored for non-technical colleagues streamlining the filtering and sorting of XML files with 400+ data points, thus optimizing data processing and organization.
- Completed a comprehensive overhaul of web-page structure, integrating user feedback to drive improvements in performance, navigation, and overall user experience, resulting in an enhanced and user-friendly platform.
- Authored 20+ pages of detailed documentation, providing for a crucial foundation in understanding, implementation, troubleshooting, and maintenance of the complex systems and technical processes.

Mobileware   **Port Jefferson, NY**
Programming and UI/UX Design Intern   *May 2019 - August 2019*
- Collaboratively developed a user-friendly weather application by using an API, enabling real-time data retrieval for accurate and up-to-date weather information.
- Designed and implemented a group scheduling application using Swift and SwiftUI, fostering efficient coordination by preventing scheduling conflicts and enhancing overall scheduling management.

IBPS Summer Camp   **Port Jefferson, NY**
Camp Counselor   *June 2019 - July 2019*
- Arranged recreational activities, such as art, crafts, and games, centered around the Buddhism Three Acts of Goodness by collaborating with fellow counselors to foster cooperative relationships between campers.
- Supervised and remedied camper behavioral issues of over 200 campers by reporting concerns to camp leadership and communicating frequently with parents to improve campers' experiences.

PROJECTS

Fishing Game Area | *JavaScript, React, CSS, Chakra UI*
- Enhanced the Covey.town codebase with a game where players could fish and spend downtime.
- Spearheaded project tasks, meetings, and milestone presentations with the group to ensure consistent progress.
- Engineered React frontend components for the game inside a modal styled with Chakra UI.

NURecs | *JavaScript, CSS, HTML, MongoDB*
- Built a WebApp from scratch to expedite the Boston restaurant exploration process for new students at Northeastern.
- Experimented with routing pages, an outsourced database, and CSS/HTML elements for an improved user experience.

Image Processor | *Java*
- Developed an image processing program which provides ease in image transformation and variation.
- Enhanced user experience by creating a GUI, script parser, and custom internal command selection.

NUFind | *Python, SQL*
- Created a search query application to assist students in finding organizations and events suited to their interests.
- Designed a database and implemented HTTP methods to request from the database for updating the interactable UI.

SKILLS & INTERESTS

Skills: JavaScript, Python, Java, CSS/HTML, Basic SQL, Swift

Applications/Tools: Git, VSCode, MongoDB, Docker, React, Microsoft Office, Notion, Canva

Language: Conversational Mandarin | *Interests:* Taiwan, cooking, board games, personal finance, reading, fitness