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George Wen

Education and Certifications

- **New York University**   **2022–2026**

    Joint Major in Computer Science and Data Science
    GPA: 3.567
    Computer Science GPA: 3.9

Languages and Technologies

- Languages: Java, Python, C, Javascript, SQL, HTML and CSS
- Technologies and Frameworks: Spring Framework, Oracle Database, SQLite Amazon Web Services, Git, Github, Azure DevOps Server, JQuery, Pandas, React, Tailwind, Express

Work Experience

- Software Development Intern,, New York University | June 2024 - current
    - Developed and maintained a web application to manage university awards using the Spring Framework, working with both backend (Java, Oracle Database) and frontend (HTML, CSS, JavaScript, Thymeleaf) development. The application is actively used by NYU faculty members.

Personal Projects

- Developed a Python web scraping pipeline to extract replay data from Pokémon Showdown, running on a cloud server and storing data logs in cloud storage in AWS. Then built a log parsing system to convert the data into structured battle states for each turn. Used this data to build a neural network in PyTorch to predict a player's win probability at any given turn based on the state of the battle.

Relevant Coursework

- Basic Algorithms
- Data Structures
- Discrete Mathematics
- Calculus II
- Linear Algebra
- Probability and Statistics
- Principles of Data Science
- Computer System Organization
- Data Management and Analysis
- Parallel Programming