

Savina Chan

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EDUCATION

New York University, College of Arts and Science

New York, NY

Bachelor of Arts in Computer Science, Minor in Business Studies

May 2025

- GPA: 3.861
- Honors: Dean's Scholarship (full-tuition), NYS Scholarships for Academic Excellence, Dean's Honors List

EXPERIENCE

Introduction to Computer Science Grader

September 2023 – May 2024

New York University, Courant Institute of Mathematical Sciences

New York, NY

- Evaluated Java programming assignments for a cohort of 50+ undergraduate students to assess analyze code quality, adherence to guidelines, and problem-solving techniques.
- Coordinated comprehensive and constructive feedback on assignments, identified areas for improvement, and proposed alternative solutions.
- Clarified students' queries related to assignments and course concepts, offering clear explanations and guidance.
- Collaborated with professor to seek input on course-related issues and recommendations for course improvement.

Software Engineer Intern

June 2023 – August 2023

M&T Bank

Buffalo, NY

- Engineered Impediment History Application, empowering 4250+ Jira users across 551 projects to promptly identify project blockages and dependencies in real-time, leading to efficient resolutions and improved customer value delivery.
- Spearheaded implementation of a calendar plug-in in Jira, revolutionizing project management through enhanced visual work timeframes tracking.
- Streamlined integration of Jira with Miro, increasing team collaboration and communication.
- Participated in daily stand-up meetings, delivering invaluable progress insights concerning assigned Jira issues.
- Led multiple application demos for diverse teams to communicate latest updates and features.

PROJECTS

PomoPengy (In Progress)

- A full-stack productivity application aimed at enhancing task completion through an achievement-based system.
- Developing the front-end using Angular, emphasizing the creation of reusable components, models, and services.
- Utilizing Express.js to serve the Angular front-end and manage user data requests effectively.

Impediment History Application

- A real-time web application enabling M&T Bank's Jira users to track project blockages and dependencies.
- Executed API calls to Jira for data storage from 551 projects in Microsoft SQL Server.
- Administered automated updates on blocked issues, displaying comprehensive data including issue details, block duration, and impediment reason.

Pokémon Center Database (Pokédex)

- A comprehensive virtual Pokémon encyclopedia facilitating management and accessibility of extensive information on various Pokémon species' information.
- Developed an intuitive menu system facilitating seamless database navigation, enabling users to search, add, remove, and generate comprehensive reports on Pokémon by name or type.
- Leveraged a CSV file as a reliable storage mechanism, optimizing historical data retrieval by implementing a seamlessly integrated parser for efficient data reading and processing.

SKILLS

Programming Languages: Java, Python, C, x86-64 Assembly

Web Development: Angular, JavaScript, HTML, CSS

Data Management: NumPy, pandas, Matplotlib, SQL, PostgreSQL, MongoDB

Project Management: Jira, Confluence, Miro