

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 Course Assistant

September 2023 – Present

New York University, Courant Institute of Mathematical Sciences

New York, NY

- Evaluate 7 Java programming assignments and provide constructive feedback for 50+ undergraduate students by analyzing adherence to guidelines, code quality, and problem-solving techniques.
- Clarify students' queries related to 15 course concepts and 7 assignments by providing clear explanations.
- Collaborate with professor to address course-related issues and recommend improvements to enhance students' learning experience.

Software Engineer Intern

June 2023 – August 2023

M&T Bank

Buffalo, NY

- Designed and developed an application that improved Jira issues resolution and customer value delivery for 4,250+ Jira users across 551 projects.
- Implemented a calendar plug-in in Jira, transforming project management through improved visualization and tracking of work timeframes.
- Integrated Jira Cards application with Miro to enable real-time Jira issue management within Miro boards, strengthening team coordination and accelerating project delivery.
- Participated in daily stand-up meetings with an Agile team of 9 and led bi-weekly application demos for 100+ attendees to communicate latest updates and new features.

PROJECTS

Hammy Huddle | *Angular, TypeScript, SCSS, Express.js, MongoDB*

- Created a hamster-focused social media platform featuring personalized profiles, an interactive community forum, and extensive care guides to facilitate accurate information sharing and engagement among hamster owners.
- Optimized user experience by implementing Angular and Material UI across 10+ application components.
- Developed a RESTful API using Express.js to ensure seamless integration with Angular front end by handling user authentication and data retrieval.

Pomo Pengy | *Angular, TypeScript, SCSS, Express.js, MongoDB*

- Engineered a penguin-themed multi-feature productivity application aimed at incentivizing task completion and study sessions through 20+ achievements and badges.
- Utilized Angular to design a visually appealing and user-friendly front end by creating 25+ reusable components, models, and services.
- Leveraged Express.js to build a RESTful API to serve Angular front end and handle user requests for data retrieval.

Impediment History Application | *C#, .NET Core, HTML, CSS, JavaScript, Microsoft SQL Server*

- Built 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.

TECHNICAL SKILLS

Languages: Python, Java, C, JavaScript, HTML, CSS, SQL, x86-64 Assembly

Technologies: Git, GitHub, Angular, React, Express.js, Node.js, MongoDB, PostgreSQL, Jira, Confluence, Miro