

Nicholas Gitman

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EDUCATION

Stony Brook University

Bachelor of Science in Computer Science & Applied Mathematics and Statistics

University Scholars Honors Program

GPA: 3.5

Stony Brook, NY

Expected May 2026

Relevant Coursework: Data Structures, Systems Fundamentals I, Programming Abstractions Discrete Mathematics, Survey of Probability and Statistics, Introduction to Object-Oriented Programming, Applied Linear Algebra, Multivariable Calculus

EXPERIENCE

Object Oriented Programming Teaching Assistant

Stony Brook University Department of Computer Science

Stony Brook, NY

Jan 2024 - Present

- Held office hours totaling 3 hours a week to answer students' questions regarding the course, the Java programming language, and/or assignments, providing multiple students with answered questions and a better understanding of the course content in a course of 120 total enrolled students.
- Supervised twice-weekly programming lab sections and allotted grades based on completion to 30 students.
- Held review sessions for exams summarizing course content and covering practice exams to better prepare students for exams.

Research Assistant

PoliTech - Vertically Integrated Project at Stony Brook University

Stony Brook, NY

Jan 2024 - Present

- Collaborated with 28 team members on a weekly basis regarding project status in political district analyses.

PROJECTS

nicholasgitman.com | *HTML, TailwindCSS, JavaScript*

Aug 2023 - Present

- Developed a personal portfolio website built using HTML and styled with TailwindCSS.
- Utilized Git Bash to push source code to GitHub and deployed via Netlify, making the website publicly accessible.
- Connected Netlify name servers to custom Google Domains, connecting the domain to the website.

DIABLO (Database-Influenced Automated Ban List of Offenders) | *Python, MongoDB*

Sep 2020 - Oct 2022

- Designed and developed a chatbot for Discord intended to prevent harmful users from joining public spaces using the Discord.PY API wrapper, leading to over 300 public spaces implementations and about 10 successful entry preventions.
- Built a MongoDB database to store user identification numbers of harmful individuals and linked it to the Discord API to match user IDs upon entry into a public space protected by DIABLO, accumulating over 350 entries.
- Developed a public-use report system embedded into the Discord app using the Discord API that allowed the public to feed information about potential harmful users to grow the database.

SKILLS

Programming Languages: Java, Python, HTML5, CSS, JavaScript, R, C#

Frameworks: MongoDB, Git, .NET

Languages: English (Native speaker), Russian (Professional speaking proficiency)

LEADERSHIP & ACTIVITIES

Greeley Hall Council

President

Stony Brook, NY

Sep 2022 – Feb 2023

- Coordinated 5 successful building events with a team of 9 council members, resulting in an 85% satisfaction rate.
- Procured over 20 event items such as food, decorations, and miscellaneous event items for all planned events.
- Led over 30 weekly meetings with the hall council to ensure timely execution of events and open communication between council members and residential community.