

Robert C. Wong

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EDUCATION

Stony Brook University — GPA: 3.6

Stony Brook, NY

Bachelor of Science in Computer Science

Aug. 2022 - Dec. 2025

Relevant Coursework: *Software Engineering, Artificial Intelligence, Web Security, Software Security, System Fundamentals 1 & 2, Data Structures & Algorithms, Analysis of Algorithms, Programming Abstractions*

SKILLS

Languages: Python, Java, JavaScript, SQL (SQLite & MySQL), MongoDB, C, HTML/CSS, Rust (Basic), OCaml

Frameworks: Flask, React, Express, Node.js, Bootstrap

Libraries: pandas, NumPy, python-pptx, jQuery, DataTables

Developer Tools: Git, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

EXPERIENCE

Stony Brook University

Jan. 2025 - Present

Software Development Teaching Assistant

Various Locations

- Held weekly office hours guiding students on best practices for software development, emphasizing modular design, maintainability, and scalability to ensure code is easy to debug and extend.
- Assisted in grading exams, and strenuous testing of student projects, providing constructive feedback to help students improve their coding skills and understanding of course concepts.

TD3 Innovative Gaming

Sept. 2024 - Jan. 2025

Instructor

Various Locations

- Instructed students in basic computing skills and introductory coding concepts in Python through educational experiences on multiple video game platforms, fostering a collaborative and interactive learning environment.
- Managed and maintained game servers to facilitate both structured educational sessions and recreational activities, ensuring a safe and stable environment for students to learn and explore.

Outlier AI

Jun. 2024 - Jan. 2025

AI Trainer

Remote

- Analyzed the output and backend of an AI model according to given prompts, reviewing the steps the model took, which included Python and SQL processes.
- Contributed to the AI model's improvement by providing comprehensive feedback and justifications, enhancing its ability to generate accurate and relevant responses for future prompts.

NYPD Compliance Division

Jul. 2024 - Aug. 2024

Software Development Intern

Manhattan, New York

- Tackled issues concerning big data processing, user submission forms and database management, bettering the quality of life for staff working on their own tasks.
- Developed user-friendly applications to transform complex and inaccessible systems into easily navigable tools for staff with limited computer experience, ensuring accessibility and ease of use for all users.
- Singlehandedly improved departmental efficiency by **86.35%** through the development of custom software.
- Created and implemented programs that are now in constant use by numerous team members, streamlining their daily responsibilities and significantly enhancing operational effectiveness across the department.

PROJECTS

ComplianceGenie - Data Processing | *Python, pandas, python-pptx, CustomTkinter*

Jun. 2024 – Aug. 2024

- A Python-based application for the NYPD to automate the generation of reports and presentations, improving efficiency by **98.5%**, replacing manual computations and data entry.
- Utilized pandas for data processing to read, clean, and compile incident, interaction, and arrest data.
- Designed an intuitive front-end using CustomTkinter, prioritizing ease of use and utility for non-technical staff.
- Generated both citywide and borough-specific statistics. Outputting results in comprehensive Excel reports using openpyxl and PowerPoint presentations using python-pptx.