

Jared Tjahjadi

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Education

Stony Brook University, Stony Brook, NY

May 2024

Bachelor of Science in Computer Science

Current GPA: 3.47

Relevant coursework: Object-Oriented Programming, Data Structures, Foundations of Computer Science, Programming Abstractions, Systems Fundamentals, Theory of Computation, Computer Networks, Analysis of Algorithms

Forest Hills High School, Forest Hills, NY

Sep 2016 – Jun 2020

High School Diploma with Advanced Standing

GPA: 4.00

Experience

Undergraduate Teaching Assistant, Stony Brook University

Aug 2022 – Present

- Held office hours and supervised lab sessions of 30 students for Object-Oriented Programming in Java
- Discussed lecture material, answered questions regarding assignments, and provided feedback on homework

Field Worker, Stony Brook University Residential Safety Program

Mar 2022 – May 2022

- Ensured safety of campus residents by patrolling quads and inspecting doors and scanners
- Communicated and responded to requests of dispatchers over radio

Computer Science Team Intern, Sparks Within Reach

Jul 2021 – Aug 2021

- Collaborated with seven developers to create a minimum viable product of a website that hosts educational resources for homeless children in New York City
- Leveraged Firebase as the backend to display curriculum materials and assign role-based permissions for users
- Integrated the website with Firebase Authentication and React to provide login functionality

Intern, Northwell Health

Jan 2020 – Mar 2020

- Received onboarding and training on medical best practices in order to understand safety and emergency procedures
- Organized the paperwork of existing and incoming employees, such as contracts, forms, and training documents
- Tended to patients and fulfilled their requests, including serving food and retrieving medical items

Projects

Train Your Human (<https://github.com/jaredtjahjadi/TrainYourHuman>)

Mar 2023

A single-player point-and-click game in which the player is a "god" that controls a human's daily routine.

- Developed using the Python visual novel engine Ren'Py as participant in the 2023 Ren'Py Competition hosted by Stony Brook University's Game Development & Design Club
- Teamed up with an artist and fully programmed the game's mechanics, and conditional in-game triggers and audio cues
- Implemented bug fixes and additional in-game features after the game's initial release

Robotic Operating Bot (R.O.B.) (<https://github.com/jaredtjahjadi/R.O.B>)

Nov 2020 – Apr 2021

An interactive Discord bot with utilities for general purposes (e.g., music, moderation) and games such as rock paper scissors and coin-flipping.

- Developed a Discord bot in JavaScript using the Node.js module Discord.js
- Added general utilities and text-based games in which the bot automatically sends messages with different text based on user input
- Used the Node.js module ytdl-core to play audio from YouTube videos in Discord voice channels

Skills

- **Technical:** Java, Python, JavaScript, React, HTML/CSS, Git/GitHub, MS Office
- **Languages:** English, Spanish, Indonesian
- **Miscellaneous:** Communication, time management, planning, teamwork

Extracurriculars

- *Co-Head Activities Coordinator*, Stony Brook Science Fiction Forum
- *President*, Stony Brook Pokémon GO Club
- *Software Team Member*, Stony Brook Robotics Team

Jan 2023 – Present

Oct 2022 – Present

Oct 2020 – Present