

# Sean Yang

Entry-Level Software Engineer

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## EDUCATION

### Stony Brook University — BS in Computer Science

May 2023

Cumulative GPA: 3.58/4.0

Relevant Coursework: Software Engineering; Data Science; Full-Stack Development; Algorithms; Game Programming

### Google IT Support Professional Certificate

2025

Relevant Coursework: Troubleshooting; System Administration; Cybersecurity; Operating Systems; Networking

## EXPERIENCE

### Pear Deck Learning / Varsity Tutors — Computer Science Tutor

2023 - Present

- Tutored hundreds of students across the country in Java and Python
- Well-versed in teaching/programming college-level material such as data structures, web development, & data science
- Reputation for great communication and simplifying complex matters

## PROJECTS

### Devil's Advocate — Ludum Dare 2024

- Worked on a comedic adventure game inspired by Ace Attorney as part of Ludum Dare 55 Jam
- Built a virtual novel type game from scratch using the general purpose Godot engine alongside five teammates
- The game was highly rated and received an overall result of 23rd place out of over 2000 submissions
- Responsible for a majority of the code base including UI implementation, shaders, and a custom dialogue manager system to handle dialogue, character sounds/animations, and scripted events

### Tileslate — Software Engineering Class Project

- Built an online level editor with full-stack functionality in JavaScript in a team of four classmates
- Utilized MERN stack technology to build a platform to allow users to collaboratively build 2D game maps and share them with others
- Developed the back-end code using MongoDB, Express, and Node.js, facilitating seamless API requests/responses for collaborative tileset and map creation
- Built much of the front-end UI/UX design using React, which streamlined customer experience and shared user content on our platform

### Us and Them — Stony Brook University's Ren'Py Competition 2023

- As part of SBU's Ren'Py Competition, my team created a visual novel that won first place
- Personally wrote all the Python code and co-wrote the story
- Impressed the judges with my technical merits, including Tom Rothamel, creator of the Ren'Py engine

## SKILLS

### Programming

JavaScript, Python, TypeScript, HTML, Java,  
CSS, C, .NET (C#), C++, GDScript, Kotlin

### Frameworks/Tools

React, Android Studio, Node.js, Godot, Unity,  
Git, SQL, MongoDB, Pandas, Figma

### Additional Skills

Machine Learning, Data Visualization Tools,  
Data Analysis, Communication, Time  
Management, Planning, Teamwork, Agile Process

## FIND ME ONLINE

### Portfolio

<https://s303824.github.io/sean-yang/>

### LinkedIn

<linkedin.com/in/sean-y-430595124/>

### GitHub

<github.com/s303824>