Jayden Lim

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Skills

Technical
- Java | Python | HTML | CSS | JUnit | JavaFX | Tableau | Git | Microsoft Office (Word, Excel, Outlook, Powerpoint)
- OOP | Sort Algorithms | Data Structures | Vector Calculus | 3D Integrals | Probability and Counting | Set Theory

Soft
- Articulate writer and public speaker | Teaching/Tutoring | Test-case writing | Time-management | Team player
- Languages: English - native proficiency | Chinese, Spanish - limited working proficiency

Experience

COMP 110 Teaching Assistant	UNC Department of Computer Science	01/2023 - Present
		Chapel Hill, NC

- Teach students the Python programming language and guide them in configuring Github for VS Code.
- Hold office hours and tutoring sessions to help students navigate programming and debugging processes.
- Assist the professor during lectures by reiterating and simplifying programming concepts for individual students.
- Collaborate with other teaching assistants to grade the assignments and tests of over 600 students.

Quality Assurance Intern	Anewgo	06/2022 - 08/2022
		Holly Springs, NC

- Conducted manual quality assurance tests for a new home marketplace web application.
- Engaged in active project management using Jira by Atlassian to submit issues and monitor team progress.
- Assisted the software development team by exposing 50+ bugs, e.g. discovered a bug in the implementation of a slider UI component and explained the flaw in the logic to a developer.

Math Instructor	Mathnasium	09/2020 - 06/2022
		Holly Springs, NC

- Worked both in-center and through the online platform handling an instructor-to-student ratio of 1:3.
- Tutored K-12 students of various math levels up to AP Calculus, emphasizing the development of metacognition.

Leadership Experience

Asian Intervarsity Leader	UNC Intervarsity	04/2023 - Present
		Chapel Hill, NC

- Lead weekly small group Bible studies for a group of 10+ students.
- Supervise outreach and social events, foster community, and facilitate an inclusive space for Asian students to congregate.

Hack110 Hackathon Lead	UNC Department of Computer Science	01/2024 - Present
		Chapel Hill, NC

- Handle Hack 110 hackathon logistics including budgeting, documenting necessary supplies, and recruiting sponsors.
- Assign and schedule role allocations for workshops, coffee chats, and other stations present in the hackathon.

Education

Computer Science (BS), Statistics (BS) Chinese (Minor)	UNC Chapel Hill	08/2022 - Present
		Chapel Hill, NC

- GPA: 3.77, Dean's List: fall 2022, spring 2023, fall 2023
- **Relevant Coursework:** COMP 110. Intro to Programming and Data Science | COMP 210. Data Structures and Analysis | COMP 301. Foundations of Programming | MATH 381. Discrete Math | COMP 455. Models of Language and Computation | STOR 535. Probability for Data Science | Calculus I, II, III
- **Activities & Societies:** Club Taekwondo | HackNC/CDC Hackathon Competitor | Intramural Basketball, Soccer, Volleyball

Projects

- **Akari Game:** Programmed in Java using the Observer-Design pattern, Model-View-Controller design pattern, and JavaFX.
- **Marco vs Covid:** Developed a 2D single-player game in Python using Pygame that features a controllable sprite who can dodge projectiles to progress towards more rigorous levels and increase one's score counter.