

Sabine Torres Lao

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EXECUTIVE SUMMARY

- Dynamic **Computer Science** student at **UNSW**, boasting a **Distinction WAM**
- Recognized for exceptional leadership qualities, serving as **student representative** on the **UNSW Academic Program Review**
- Received **Highest Honours** as the top of her high school batch of over 400 students, securing a full-ride scholarship in Year 12
- Exhibited proficiency in **web development** at QuickSite Guru, **teaching** at UNSW College and TinkerTank and **research** at Ignite Purpose and Study.com
- Engaged in **diverse extracurricular activities** including active subcommittee involvement and the completion of programming, language, and art courses

EDUCATION

Bachelor of Science (Computer Science)

August 2023 – Present

University of New South Wales

- Major in **Security Engineering**
- **Distinction WAM**
- Served as **student representative** on the Academic Program Review (APR) of the UNSW Diploma in Computer Science
- Received the **UNSW International Student Award**, providing a 15% reduction on tuition fees

High School Diploma

August 2021 – June 2023

La Salle Green Hills

- Graduated with **Highest Honours** in high school batch of over 400 students
- Granted a full-ride scholarship in Year 12 for ranking first among all students

EXPERIENCE

Education Professional Computing

September 2024 – Present

UNSW College

- Tutored **DPST1091 (COMP1511)**, providing hands-on assistance in lab sessions to over **30 students** at a time
- Conducted consultations with students to address questions and offer tailored guidance on course material, leading to **improved student performance**
- Managed **administrative tasks**, including taking attendance and addressing IT concerns, to ensure smooth operation of lab and tutorial sessions

Research Intern

September 2024 – Present

Ignite Purpose

- Conducted **in-depth research** using academic papers, industry reports, and online databases, analyzing data to **identify trends** and **extract relevant insights**
- Assisted in **writing, editing, and formatting** research reports and articles, ensuring clarity, coherence, and adherence to professional standards
- Collaborated with team members to ensure **timely and accurate project completion**, actively participating in brainstorming sessions and team meetings

Mentor

June 2023 – Present

Tinkertank

- Provided personalized tutoring to up to **30 students** at a time in STEM-related subjects, including robotics and programming skills
- Monitored students' progress through constructive feedback and assessments
- Managed off-site excursions while supervising a range of students
- Organized equipment and supplies using an inventory notification system

Web Design and Development Intern

May 2024 – August 2024

QuickSite Guru

- Created and hosted **websites** using **JavaScript**, focusing on design, content, and functionality
- Implemented feedback to refine website templates for optimal user experience

Online Research & Data Entry Assistant

June 2023 – September 2023

Study.com

- Evaluated up to **50 websites** per day for Study.com outreach while adhering to professional standards and criteria
- Conducted research to compile contact information for individuals in approved sites
- Maintained a swift work pace to meet contract expectations while working remotely

PROJECTS

CVE Web Scraper

December 2023

GitHub: <https://github.com/Sabine-Torres-Lao/CVE-Web-Scraper>

- Developed a **web scraper** using **JavaScript** that automates the collection and sorting security vulnerabilities from CVEdetails.com.

COVID-19 Locational Tracker

December 2022

GitHub: <https://github.com/Sabine-Torres-Lao/COVID-19-Locational-Tracker>

- Created a **Python-based tracker** for mapping COVID-19 cases in Metro Manila, integrating user input data into a frequency map

PROFESSIONAL SKILLS

Hard Skills

- Experienced with various **programming** languages such as JavaScript, Java, Python, TypeScript, and C.
- Skilled in **front-end development** including React.js, Bootstrap, HTML, CSS, responsive design, and domain management.
- Proficient in **back-end development** with Node.js, Express.js, and Jest.
- Version Control using **Git**
- Extensive experience with **Microsoft Office**, including Word, PowerPoint, and Excel
- Graphic Design and Creativity
- Research and Data Analysis
- Academic Writing

Soft Skills

- Team Collaboration
- Project Management
- Communication and Public Speaking

EXTRA CURRICULAR ACTIVITIES

Competitions Subcommittee Member

February 2024 – Present

CSESoc UNSW

- Assisted in organizing various programming competitions and events, including Hackathons and revision contests

Arts & Design Subcommittee Member

February 2024 – Present

UNSW Tabletop Games Society

- Created art for various banners, posters, and merchandise
- Collaborated with other artists to develop cohesive designs for society events

IT Subcommittee Member

June 2023 – February 2024

UNSW ASEAN Society

- Collaborated with IT Subcommittee in developing the society's website

Student

August 2021 – August 2021

freeCodeCamp

- Completed the **JavaScript Algorithms and Data Structures Course** teaching the fundamentals of JavaScript including arrays, loops, and functions
- Accomplished the **Responsive Web Design Course** demonstrating the foundation of proper webpage design

Student

Nihongo Language Program for Beginners

July 2021 – August 2021

- Learned **basic Japanese language** through a **60-hour course**, including grammatical structures and writing systems (Hiragana, Katakana, and Kanji)