

Zyn Yee Ang

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EDUCATION

Brown University, Computer Science Sc.B. | International and Public Affairs A.B.

3.93/4.0 GPA

Expected Graduation May 2025

- **Courses taken:** Deep Learning, Data Science, UI/UX, Computer Systems, Software Engineering, Real-Time and Embedded Systems, Data Structures and Algorithms, Cybersecurity Ethics, Honors Statistical Inference, Multivariable Calculus, Discrete Structures and Probability, Linear Algebra, Intro to Object-Oriented Programming, Intermediate Microeconomics (Mathematical), Intermediate Macroeconomics, Business Chinese, The Political Economy of Strategy, Victory, Defeat and Everything in Between

TECHNICAL SKILLS

- **Programming languages:** Java, Python, C, C++, SQL || **Web Development:** React, HTML/CSS, JavaScript/TypeScript || **Tools:** Figma, LaTeX, TensorFlow, PyTorch, PySpark, Matplotlib, Arduino, Processing

PROFESSIONAL EXPERIENCE

Republic of Singapore Navy, Naval Officer (Lieutenant-rank)

Singapore / Jan 2020 - Present

- Intern at Navy Recruitment Center. Redesigned Gen-Z recruitment, and conducted recruitment at tertiary education centers. *Jun - Aug 2023*
- Intern at Naval Plans Department. Conducted data analysis on all surface assets from 1990s till 2020s. Compared past and present assets based on cost, capabilities, and crew-efficiency. *Jun - Aug 2022*
- Junior Officer onboard RSS *Fortitude*, an *Independence*-class Littoral Mission Vessel. Responsible for running the warship's day-to-day program at harbor. *Mar - Aug 2021*
- Midshipman in Officer Cadet School. Awarded the Sword of Honor (Top Graduate in the course), and Best in Knowledge (Best in Naval Competency) prizes. Awarded the Certificate of Competency (to take charge of a warship in harbor) within three months of independent learning onboard ship. *Jan - Dec 2020*

Van Wickle Ventures, Vice President, Communications

Providence, RI / Jan 2021 - Present

- In charge of the communications team at Brown University's only student-run venture fund. As VP, I write 2 newsletters every week and coordinate marketing for the fund.
- Led the diligence team on Apprenta (a HR/tech startup), which culminated in a \$25,000 investment in their pre-seed (Dec 2022). The only junior associate to lead and close a deal successfully.
- Developed financial models to calculate dilution and conduct a returns analysis on our investments.

CSCI 1952B Responsible CS in Practice, Teaching Assistant

Providence, RI / Jan - May 2024

- Ethics-based computing course that applies ethical, social and political theories to practical CS projects. I lead section, conduct grading, and host bi-weekly conceptual hours on projects.

CSCI 0150 Intro to Object Oriented Programming, Teaching Assistant

Providence, RI / Aug - Dec 2022

- The most popular introductory computer science course at Brown (400+ students per semester). Instructed weekly recitation, conducted grading, and hosted bi-weekly debugging and conceptual hours on OOP projects.

HONOR AND AWARDS

President's Scholarship

Aug 2022

- The President's Scholarship is Singapore's most prestigious undergraduate scholarship. The scholarship is awarded to students who have distinguished themselves beyond excellence in academic pursuits and co-curricular activities.
- Issued by the Public Service Commission (PSC), 1 of 2 awardees in 2022.

The Singapore Armed Forces (SAF) Scholarship

Aug 2021

- Second in prestige only to the President's Scholarship, The SAF Scholarship is an undergraduate scholarship which provides excellent opportunities for personal and professional growth, as well as grooming for the highest levels of command and management. Full Scholarship encompassing undergraduate tuition, living allowance and full salary.
- Issued by the Ministry of Defense and awarded in conjunction with the PSC Scholarship.

ACTIVITIES

Singapore Cultural Club, *Co-President* || International Mentorship Program, *Mentor* || Brown China Summit, *Web development*
|| Ensemble! Student Theatre, *Cast Member* **2021 - Present**

Varsity Touch Rugby, *Team Captain and Tournament MVP* || Straw Free Singapore, *Founder*

2018 - 2019

SKILLS AND INTERESTS

Language: English, Native fluency in Mandarin

Interests: Entrepreneurship, long-distance running, longboarding, baking