AGNES TJOKROSETIO

0466631522 | agnes.tjokrosetio@gmail.com | www.linkedin.com/in/agnestjokrosetio | agnes-tjokrosetio.github.io/personal

EDUCATION

University of New South Wales: Bachelor of Computer Science / Commerce   **2023 - 2026 (EXPECTED)**
WAM: 81.5 | Majors: Computer Science, Finance

St George Girls High School: Higher School Certificate   **2017 - 2022**
ATAR: 98.40 | Subjects: Modern History, Mathematics Extension 1, Mathematics Extension 2, English Advanced, Music 2

WORK EXPERIENCE

Casual Academic | **UNSW, Kensington, NSW, Australia**   **Sep 2024 - PRESENT**
- Tutoring and lab assisting multiple classes of students in the course Computer Systems Fundamentals (COMP1521)
- Guided students in understanding course content, facilitating help sessions and assisting on online forums
- Perform marking of students' assignments and exams and invigilating numerous course examinations

Student Mentor | **UNSW, Kensington, NSW, Australia**   **May 2024 - PRESENT**
- Guiding and mentoring first year students in their studies while fostering a collaborative and supportive environment
- Providing peer tutoring and general advice to students regarding first year Mathematics and Computer Science courses

Mathematics Tutor / Marker | **Dr Du Education, Burwood, NSW, Australia**   **Feb 2023 - PRESENT**
- Tutoring Year 11 and 12 students in Mathematics (involves Mathematics Advanced, Extension 1 and Extension 2)
- Teaching with clarity and patience, guiding students through worked homework solutions and school questions termly
- Perform marking of students' work, including marking weekly quizzes and homework across Year 9 to Year 12 students

Tutor | **Abacus Coaching Center, Kensington, NSW, Australia**   **Jan 2020 - Jan 2022**
- Supervised a number of small grouped primary school students (Kindergarten to Year 6)
- Teaching Mathematics (simple mental arithmetic and more advanced worded problems) and English (reading, writing, grammar, and vocabulary) and initiated discussions for problem solving

PROJECTS

UNSW Mending Broken Hearts | Role: Software Engineer (VIP Student)   **Feb 2025 - PRESENT**
- Refining and designing the patient application accompanying the artificial heart as part of the Software Team
- Building the website and desktop application for clinician access as part of the Software Team
- Collaborating with other teams (Systems) to integrate sensors and Bluetooth into the backend application

LEADERSHIP / VOLUNTEERING

IT Director | **UNSW Financial Technology Society**   **Nov 2024 - PRESENT**
- Managing operation functionality through IT platforms (website, communication channels, emails and cloud drive)
- Leading a team of subcommittee members with my co-directors to oversee the technical maintenance of the society
- Proposing and organising team building activities and events for the portfolio team

General Vollie | **UNSW Arc Wellness Warriors**   **May 2024 - PRESENT**
- Spreading wellness messages across the UNSW campus to promote wellbeing events and awareness of wellbeing
- Coordinated with other members to challenge mental health struggles with weekly in-person and online activations

Marketing Subcommittee | **UNSW Computer Science and Engineering Society**   **Mar 2023 - Nov 2023**
- Worked with other subcommittee members in creating graphic designs, written event descriptions and scheduling content on all social media platforms
- Created promotional content using social media, photography and recording videos of CSESoc's social events

SKILLS

- **General**: Teamwork, Organisational & Time Management, Communication, Critical Thinking, Problem Solving, Teaching
- **Programming Languages**: C, MIPS Assembly, Java, SQL/PLpgSQL, Python, R, JavaScript, TypeScript, HTML, CSS, React
- **Systems/Platforms**: Microsoft Office and Teams, Google Workspace, PostgreSQL, SQLite, psycopg2, GitLab/GitHub, Maple, VSCode, RStudio, Framer