Khant Aung

+61 469 629 479 | khantaung07@gmail.com | linkedin.com/in/khantaung07 | github.com/khantaung07

EDUCATION

University of Sydney — Sydney, NSW
Bachelor of Science (Computer Science) — *Feb. 2023 – Nov 2025*
- WAM: 83.5 | Dean's List 2023
- Relevant Coursework: Introduction to Programming, Object Oriented Programming, Introduction to Computer Systems, Discrete Mathematics, Systems Programming, Data Structures and Algorithms

North Sydney Boys High School — Crows Nest, NSW
99.15 ATAR; HSC All-Round Achiever — *Jan. 2017 – Dec. 2022*

EXPERIENCE

Private Tutor — 2022 – Present
Self-Employed — *Sydney, NSW*
- One-on-one tutoring with high school students for HSC and with K-6 for OC and Selective Test preparation.
- Tailoring lesson plans and teaching methodologies to meet each student's unique learning needs and objectives.
- Regularly assessing student progress and academic performance, identifying areas of improvement, and adapting teaching strategies accordingly.
- Providing constructive feedback to both students and parents to facilitate continuous development.

PROJECTS

Tower Defence Game | *Java, JUnit, Processing, Gradle*
- Developed Java application using the Processing library and Gradle
- Implemented breadth-first search path-finding algorithm for monster movement
- Optimized object creation and management to run at 60 FPS
- Implemented toggle-able background music using the Minim library

Personal Website | *HTML, CSS, JavaScript*
- Developed a fully responsive website, ensuring compatibility across various devices and screen sizes
- Designed and styled the website with modern CSS techniques to create a visually appealing and user-friendly interface.

Peer-to-Peer File Transfer System | *C, Bash, Cmocka, Unix*
- Developed a C program that facilitates file transfer between multiple peers across a network using a basic TCP/IP protocol.
- Utilized network programming using sockets for communication.
- Used a multi-threaded program for server/client connections to improve performance.

TECHNICAL SKILLS

Languages: Java, JavaScript, Python, C/C++, R
Developer Tools: Git, VS Code, PyCharm, IntelliJ, Unix
Libraries/Frameworks: pandas, NumPy, JUnit, Gradle, Processing, Cmocka