ANDREA KUCHUK

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Education

FEBRUARY 2023 - DECEMBER 2026

UNSW Sydney – *Bachelor of Engineering (Honours) (Software)*

- WAM: 84.000 (present), 78.778 (Total)
- Director of UNSW Competitive Programming and Mathematics Society
- Project member of UNSW Software Development Society

Employment

JULY 2023 - APRIL 2024

UNSW, Sydney – *Student Services Officer*

- Provided comprehensive support and guidance to students regarding academic, personal, and career-related concerns.
- Managed student records and ensured accurate and timely updates to the student information system.

MONTH 20XX - MONTH 20XX

Art of Smart Tutoring – *Academic Coach*

- Provided personalised academic coaching to students, helping them develop effective study habits, time management skills, and goal-setting strategies.
- Conducted assessments to identify academic strengths and areas for development, providing targeted support to boost student confidence and achievement.

Projects

MARCH 2024 - PRESENT

Data Structure And Algorithm Visualiser – *Frontend Developer*
https://github.com/devsoc-unsw/structs.sh

- Enhanced the visual debugger's functionality using React and advanced JSX libraries.
- Implemented interactive features and visual representations of algorithms to improve user experience and educational value.
- Ensured code quality and consistency through thorough documentation and regular Agile sprints.

FEBRUARY 2024 - MAY 2024

Kahoot Clone – *Backend Developer*

- Collaborated in an Agile team to develop a Kahoot clone, focusing on backend development.
- Engineered the backend infrastructure using Node.js and Express.js
- Conducted extensive testing across multiple project versions using Jest, ensuring high reliability and performance.
- Implemented continuous integration and deployment pipelines to streamline the development process.

Technical Skills

Languages: *Python, Javascript/HTML/CSS, C/C++, Bash*
Frameworks and Libraries: *Node.js, Express.js, React, Jest*
Tools: *Git, Linux, Docker, Jira*