Kanay Gupta

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EDUCATION

University of New South Wales (UNSW)   February 2023 — December 2025
Bachelor of Computer Science   WAM: High Distinction

Carlingford High School   Graduated: September 2022
High School Certificate   ATAR: 98.50

EXPERIENCE

Cluey Learning
High School Tutor   April 2023 - Ongoing

- Tutored students ranging from Year 9 to Year 12 in various concepts from Mathematics Standard to Mathematics Extension 1 resulting in a significant improvement in their academic performance.
- Adapted teaching techniques and approaches to accommodate diverse learning styles and abilities, resulting in increased student engagement and understanding.
- Provided feedback to supervisors on the effectiveness of the provided teaching materials, leading to continuous improvement and refinement of the curriculum.

PROJECTS

Backend JavaScript Server

- Developed a backend JavaScript server replicating the features of Kahoot using TypeScript working effectively in a group environment using Git.
- Successfully created and implemented unit testing and full program testing using the Jest module.

Hacks for Video Game

- Designed and developed hacks for a video game using memory manipulation through the use of Python.
- Added various features to the hacks requiring extensive knowledge about the inner workings of the video game.

ACHIEVEMENTS AND AWARDS

Academic Achievements

- ATAR of 98.50.
- First place in Information and Processing Technology in Year 12.
- Third Place in Mathematics Extension 1, Mathematics Extension 2 and Software Design and Development in Year 12 .
- Distinction award in the Australian Mathematics Competition in Year 10, and Year 11.

SKILLS

- **Programming:** Python, C, C#, JavaScript, MIPS Assembly, LaTeX.
- **Software:** MS Excel, MS Word, MS PowerPoint.
- **Languages:** Native in English and Hindi.
- **General:** Strong Decision Maker, Complex Problem Solver, Team Player, Attentive to Detail and Organised.