

Gautam Nair

0416310107 | gautamnair2709@gmail.com | [linkedin.com/in/gautam-nair27](https://www.linkedin.com/in/gautam-nair27) | github.com/ZaDragonG

EDUCATION

University of Adelaide <i>Bachelor in Computer Science (Advanced)</i>	Feb. 2023 – current Adelaide, SA
---	-------------------------------------

EXPERIENCE

Tax Administration Intern <i>Holistic Business Developers</i>	Jun. 2021 – Jul. 2021 Adelaide, SA
---	---------------------------------------

- Developed tax returns using Excel and other applications
- Processed company expenses and used Excel to filter through

Chess Coordinator <i>Glenunga International High School</i>	Apr. 2023 – current Adelaide, SA
---	-------------------------------------

- Used Excel to pair students into teams based on chess proficiency
- Use Python to keep track/graph win percentages of students for documentation

PROJECTS

Personal Website <i>HTML, CSS</i>	Feb. 2025
<ul style="list-style-type: none">• Personal website showcasing web development projects built using HTML and CSS, demonstrating skills in design, responsiveness, and front-end development (zadragong.github.io/Personal-Website)	

Chess <i>C++, SFML</i>	Feb. 2025
<ul style="list-style-type: none">• Developed a two-player chess game with core chess mechanics, legal move validation, turn-based gameplay, and an interactive GUI for piece movement	

Tetris <i>C++, RayLib</i>	Jan. 2025 – Feb. 2025
<ul style="list-style-type: none">• Applied object-oriented programming (OOP) principles to structure game components, optimize performance, and manage real-time user input for smooth gameplay	

Building AI models for Weather Forecast <i>Python, Git, Docker</i>	Aug. 2024 – Oct. 2024
<ul style="list-style-type: none">• Build Traditional and AI weather forecasting models locally• Used regression analysis, MAE and RMSE to determine the model that was more accurate	

Volunteering Website <i>HTML, CSS, Java, Git, Docker, Insomnia</i>	May. 2024 – Aug. 2024
<ul style="list-style-type: none">• Developed a website that allows users to either view or create admin accounts to post volunteering events• Linked website with an autonomous email system that allows admins to sent emails to all subscribers	

Flappy Bat <i>C++</i>	Aug. 2023 – Sep. 2023
<ul style="list-style-type: none">• Developed a full Flappy Bird game in C++ with a re-skin and added features related to Batman	

COMMUNITY INVOLVEMENT

Ravi Study Program <i>University of Adelaide</i>	Nov. 2024 – Mar. 2025 Adelaide, SA
--	---------------------------------------

- Solved LeetCode questions and participated in mock technical interviews, improving problem-solving skills and enhancing interview performance through hands-on practice and peer collaboration

CPC Coding Competition <i>University of Adelaide</i>	Feb. 2025 Adelaide, SA
--	---------------------------

- Participated in a competitive programming contest, solving 14 LeetCode-style problems as part of a team
- Collaborated on algorithmic problem-solving, demonstrating strong coding skills, teamwork, and time management under pressure.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, HTML/CSS, HDL, Assembly

Developer Tools: Git, Docker, VS Code, Visual Studio **Libraries:** pandas, Matplotlib, Raylib