

AGRIM SHARMA

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Summary

I am a final-year Computer Science student majoring in Artificial Intelligence at Adelaide University, graduating in December 2026. I build and deploy full-stack web applications with Python, JavaScript, and Java, covering back-end application programming interfaces, relational databases, authentication, and front-end interfaces, along with artificial intelligence and machine learning systems. I am looking for a graduate software engineering, data, or technology consulting role, and I can start soon.

Education

Bachelor of Computer Science (Artificial Intelligence), Adelaide University February 2024 to December 2026 (Expected)
Grade Point Average: 5.2 out of 7.0, with a 15% International Merit Scholarship.
Relevant coursework: Artificial Intelligence, Machine Learning, Algorithm Design and Data Structures, Software Engineering, Web and Database Computing, Cloud and Concurrent Programming, and Cybersecurity Fundamentals.

Technical Skills

Languages: Python, JavaScript, Java, C++, and Structured Query Language
Frameworks and Libraries: Vue.js, Node.js, Express.js, NumPy, pandas, and Matplotlib
Databases and Tools: MySQL, MongoDB, Git, GitHub, Docker, Visual Studio Code, and JUnit
Concepts: Application Programming Interfaces, Open Authorization, Object-Oriented Programming, Event-Driven Architecture, Data Structures and Algorithms, and the Software Development Life Cycle
Engineering Practice: Back-end and front-end development, representational state transfer application programming interfaces, relational database design, version control, unit testing, and continuous deployment

Certifications

Technology Job Simulation, Deloitte Australia, 2026
Data Analytics Job Simulation, Deloitte Australia, 2026
Partnering with Artificial Intelligence in the Workplace, Datacom, 2026
Career Access Mentoring Program, Adelaide University, 2025
Microsoft Azure Fundamentals (AZ-900), in progress

Projects

MetaPlay, Full-Stack Game Discovery Platform (Live) March to June 2025
Node.js, Vue.js, MySQL, RAWG Application Programming Interface, Google Open Authorization, Team of Five

- Worked in a five-person team. I handled the front-end and back-end integration, built the authentication system (local accounts plus Google Open Authorization with three-tier role-based access), and designed the normalised MySQL schema across eight tables.
- After the course, I fixed the remaining issues across the whole project and deployed it to production, so it now runs live with personalised dashboards, collections, and reviews using RAWG game data.

Wumpus World Artificial Intelligence Agent, Autonomous Reasoning Agent March to May 2026
Python, Propositional Logic, Search Algorithms

- Built an agent that navigates a partially observable environment using a propositional knowledge base and logical inference. It scored 10 out of 10 on the course autograder across hidden test environments.
- Implemented the knowledge representation, inference rules, and a search strategy that selects safe moves under uncertainty, written and tested in Python.

Global Positioning System Tracker Dashboard, Reactive Programming Application March to May 2026
Java, Sodium Functional Reactive Programming, JUnit

- Built a real-time tracking dashboard with functional reactive programming, modelling location updates and alerts as composable event streams with no shared mutable state. The application is covered by 19 passing unit tests.
- Designed the data model and event-handling logic in Java, applying object-oriented principles and writing unit tests to verify behaviour across edge cases.

Leadership and Experience

President, Adelaide University Tennis Club July 2024 to March 2026

- Took over a dormant club with no active committee and led the merger of two clubs during the Adelaide and University of South Australia consolidation, recruiting and leading an eight-member committee with no disruption to members.
- Won more than \$7,000 in facility upgrades through grant applications and negotiation with university sports administration.
- Grew membership to more than 100, a 75% increase in participation. The club went on to win Club of the Year, the Jessop Shield, and a \$1,000 prize.

Tennis Coach, Tea Tree Gully Tennis Club March 2024 to Present

- Run more than 10 coaching sessions a week for more than 40 junior and adult players, adapting my teaching to each player's level and retaining players across multiple terms.

Retail Assistant, Independent Grocers of Australia (Elizabeth Downs, then Hutt Street) February to October 2024

- Handled point-of-sale operations, stock replenishment, and customer service across two store locations.