

# Jerold Shin

📍 Sydney 📞 0450441214 @ jeroldshin02@gmail.com 🔗 <https://jeroldshin.vercel.app>

Education	<b>UNSW</b>	<b>2021 - 2024</b>
	Bachelor of Science (Computer Science) 75.27 WAM (current)  Academic Achievement Award (AAA) Scholarship	University
	<b>Parramatta High School</b>	<b>2015-2020</b>
	98.55 ATAR	Secondary Education

Projects	<b>Value Betting Software (Python)</b>	<b>2024</b>
	Software that identifies live bookmaker pricings with positive expected value <a href="https://github.com/jss02/Value-betting-software">🔗 https://github.com/jss02/Value-betting-software</a> <ul style="list-style-type: none"><li>Calculating true odds of outcomes using Pinnacle's odds to find value in other bookmakers' pricings</li><li>Scraping dynamic websites with JavaScript-generated API data</li><li>Parsing html text into dictionaries containing odds, team names, and datetime object of events</li><li>Matching events across different bookmakers using fuzzywuzzy</li></ul>	
	<b>Twitter Fake News Detection Software (Python)</b>	<b>2023</b>
	Fake news detector plugin for twitter using LLMs in a team of 5 <ul style="list-style-type: none"><li>Developed software to scrape live website contents from top google search results based on relevant news headlines</li><li>Parsed scraped contents into structured lists of readable strings for model input</li><li>Practiced scrum (agile) framework</li></ul>	
	<b>UNSW Streams backend app (Python)</b>	<b>2021</b>
	Python backend server for Microsoft Teams replica 'UNSW Steams' in a team of 5 <ul style="list-style-type: none"><li>Developed user authentication and session management with JWT</li><li>Implemented API endpoints featuring JWT authentication</li><li>Built password reset functionality with email reset code using smtplib</li><li>Created user profile picture upload function and user file management</li><li>Wrote unit tests for API endpoints with high coverage using pytest</li></ul>	

Volunteering	<b>Peer Support Training</b>	<b>2019</b>
	Volunteered in helping year 7 students improve their literacy skills through 1-on-1 assisted reading sessions each morning at roll call	

Skills	<b>Programming Languages</b>
	Python, HTML, CSS, JavaScript, C, Java, SQL

Languages	<b>English</b>	<b>Korean</b>
	● ● ● ● ●	● ● ● ● ○