

Raunak Arora (Ronny)

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CAREER PROFILE

Highly motivated and detail-oriented graduate software engineer (awaiting result) with a solid foundation in programming, software development, and problem-solving. Seeking a graduate opportunity to leverage technical expertise and contribute to innovative projects, while gaining valuable industry experience and further developing my skills in a collaborative and dynamic environment.

EDUCATION

Curtin University, Perth, WA

Jan 2023 – Nov 2025

Bachelor of Computing (Software Engineering)

Achievement:

- High Distinction and Distinction in 17 units

Coursework:

- Data Structures and Algorithms, Unix and C Programming,
- Data Security, Object Oriented Software Engineering,
- Software Engineering Testing, Cyber Crime and Security Enhanced Programming
- Machine Learning, Human Computer Interface, Design and Analysis of Algorithms
- Mobile App Development, Distributed Computing

Victoria University Secondary College (High School), Melbourne, Victoria

Dec 2022

Year 12 VCE - English, Maths Methods, Physics, Data Analytics, Accounting

SKILLS PROFILE

Technical Skills:

- **Programming Languages:** Python, Java, C, HTML, CSS, Matlab(Basic), Javascript, Kotlin, C#
- **Database Management and Systems:** SQL
- **Tools & Technologies:** Git, Visual Studio, Figma, Jupyter Notebook, GitHub, Vim, MS Excel (Data Analytics), Android Studio
- **Operating Systems:** Linux, Windows, macOS
- **Other:** Agile methodologies, Scrum framework, sprint backlog, problem-solving, teamwork, time management

Non-technical Skills:

- Strong communication skills gained by working in JB Hi-Fi as a sales representative to maintain high client satisfaction.
- Prompt problem-solving skills developed by efficiently resolving bugs in the code whilst working on university projects.
- Demonstrated strong leadership and teamwork skills while working on ComSSA Hackathon projects three times in a row and bagged awards each time.

WORK EXPERIENCE

Infosys, Melbourne

Jan 2026 – Mar 2026

Software Engineer Internship

- Collaborating with senior engineers and consultants on business-driven software solutions.
- Contributing to early-stage exploration of Agentic AI architectures, including AI assisted decision making.
- Supporting requirement analysis and solution design with enterprise constraints, scalability and security.
- Participating in Agile ceremonies and gaining real exposure to real world delivery pipelines in a consulting context.

Macmahon, Perth

June 2025 – Dec 2025

Business Analyst Internship

- Assisting in the analysis and optimization of HR and business processes using SAP SuccessFactors and core SAP ERP modules.
- Supporting data collection, cleansing and reporting activities for workforce planning, recruitment and performance management functions.
- Collaborating with senior analysts and HR stakeholders to map current workflows and identify process improvement opportunities.
- Gaining hands-on experience with enterprise systems integration and user access management within a large-scale mining services environment.

JB Hi-Fi, Perth	Oct 2023 - Current
Telecommunication Sales Representative (Casual)	
<ul style="list-style-type: none"> Delivered exceptional customer service in the telecommunications department, provided technical assistance and troubleshooting advice to customers, ensuring their satisfaction with their purchases. Achieved sales targets consistently by effectively promoting and selling products, upselling when appropriate, and demonstrating product features. 	
Spotlight, Perth	Jan 2023 – Dec 2023
Team Member	
<ul style="list-style-type: none"> Assisted customers in locating and selecting merchandise, ensuring a high level of satisfaction and product knowledge. Operated POS systems for customer transactions and returns, ensuring accuracy and speed in processing sales. 	
PROJECTS & ACHIEVEMENTS	
ComSSA Hackathon	Dec 2024
Project Name: New Light	
<ul style="list-style-type: none"> Designed and developed an advanced prototype vehicle specifically engineered for the efficient transportation of livestock and essential supplies. This project was aimed at facilitating societal reconstruction efforts in post-environmental collapse scenarios, ensuring sustainability and resource management in critical recovery phases. 	
Achievement	
<ul style="list-style-type: none"> Lead the team and achieved 'Second' position among fourteen different group 	
ComSSA Hackathon	July 2024
Project Name: Earth's Ultimatum	
<ul style="list-style-type: none"> Developed an application utilizing OpenAI APIs to support farmers and the public in creating sustainable farms, with the objective of innovating humanity's future in a post-collapse world. 	
Achievement	
<ul style="list-style-type: none"> Successfully led my team to achieve the "Most Pyrrhic" title among twelve competing teams, demonstrating exceptional leadership and strategic planning skills. 	
Curtin College Volunteer	July 2024
<ul style="list-style-type: none"> Assisted in welcoming new students to Curtin College by addressing their inquiries and ensuring they felt comfortable. Provided guidance on the course plan, university layout, and facilitated visits to essential departments. 	
ComSSA Hackathon	July 2023
Project Name: Astro Renaissance	
<ul style="list-style-type: none"> Developed a strategic solution to facilitate humanity's venture into space exploration 	
Achievement	
<ul style="list-style-type: none"> Received the award for Most Innovative Solution in recognition of our groundbreaking approach and exceptional ingenuity in addressing complex challenges. 	
BLEVE Explosion Pressure Prediction – Machine Learning Project	April 2025
<ul style="list-style-type: none"> Built an ensemble model (DNNs, Resnet, XGBoost, LightGBM) to predict explosion peak pressure. Applied feature selection, PCA, and Bayesian optimization to reduce MAPE to 0.138 and finished 5th on Kaggle Leaderboard. Used TensorFlow, Scikit-learn and Optuna in a modular Python pipeline. 	
Capstone Project – Future of Work Institution	Jan 2025 – Nov 2025
<ul style="list-style-type: none"> Leading development of a full-stack visitor management system for Curtin University's Future of Work Institute using React, Node.js and MySQL. Designed key system diagrams (UML, component interactions, dependency matrix) and co-authored architecture and requirements documents. Coordinating team tasks, stand-ups and milestone planning as project lead to ensure timely delivery and documentation quality. 	