

Ryan Cheong

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Profile Summary

A self-starter with a robust background in data analysis, programming, and project management. Scientifically trained and technically versatile professional with a **Master's in Epidemiology** and hands-on experience in scientific **data analysis, product communication, and systems development**. Experienced in leveraging Python, SQL, and structured logic to optimise data workflows, troubleshoot complex pipelines, and derive actionable insights from diverse datasets. Trained in epidemiological methods with a deep appreciation for data integrity, reproducibility, and evidence-based decision-making. Combines scientific rigour with hands-on engineering skills to design scalable, data-driven solutions that bridge technical development and business needs. Currently expanding expertise in TypeScript, Node.js, and Docker, reflecting a continuous drive to integrate modern technology into practical, data-driven solutions.

Professional Experience

Cell Genesis Sdn. Bhd. | 2024 – Present

Product Specialist

- Supported marketing and sales initiatives for advanced biological testing and longevity technologies, increasing client engagement and brand recognition.
- Analysed client and market data to identify new opportunities, guiding the development of targeted outreach strategies aligned with company objectives.
- Designed technical and educational content to communicate complex scientific information in clear, engaging ways for research and clinical audiences.
- Collaborated with sales and technical teams to prepare product briefs, presentations, and training materials, enhancing customer understanding and adoption.
- Managed sensitive laboratory and client data with accuracy and discretion, ensuring compliance and data integrity.

42 Kuala Lumpur | 2024 – Present

Technical Projects – Systems Design, Collaboration & Web Integration

- Led and contributed to multiple intensive software and systems projects emphasising **reliability, scalability, and cross-team coordination**.
- Designed and implemented a **web server** with structured protocols for user management and concurrent operations — showcasing leadership in problem-solving, teamwork, and system design under complex technical constraints.

- Developed a **full-stack single-page application integrating authentication, data visualisation, and interactive features**, coordinating backend and frontend modules to ensure seamless functionality.
- Strengthened analytical, organisational, and communication skills through collaborative, high-stakes project delivery — experience directly applicable to managing product portfolios and supporting technical sales teams.
- Applied Python-based automation to process and transform structured datasets into analytical outputs.
- Designed lightweight monitoring tools to detect anomalies and enhance system reliability.
- Led collaborative projects integrating backend logic, data visualisation, and predictive modelling.

Education

The University of Melbourne

Master of Science (Epidemiology) | 2021 – 2023

Capstone: Systematic Review and Data Analysis – Synthesised and analysed large datasets to evaluate health intervention outcomes.

Bachelor of Science | 2018 – 2020

Core Skills

- **Programming & Analysis:** Python (Pandas, NumPy), SQL (MySQL), data modelling, automation
- **Scientific & Analytical:** Epidemiology, data interpretation, statistical analysis, research communication & reporting
- **Product & Marketing:** Campaign planning, product positioning, sales enablement, lifecycle management
- **Technical:** Python, C++, SQL, TypeScript, Node.js, Docker, Excel
- **Data & Systems:** Data visualisation, process automation, dashboard design, system optimisation
- **Interpersonal:** Cross-functional collaboration, stakeholder engagement, presentation & communication

Professional Strengths

- Bridge between **scientific understanding and commercial strategy**, focused on clarity and impact.
- Data-informed decision-making and structured analytical mindset.
- Skilled in technical communication across scientific, technical, and business domains.
- Adaptable, collaborative, and proactive; thrive in dynamic environments.