

AGNES RENATHA SIHOMBING

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Profile

Data Science and Business Analytics student with practical experience in performance reporting, operational analysis, and data visualisation through internships in mining and energy-related environments. Experienced in analysing financial and operational data, developing Power BI dashboards, and supporting business decision-making through structured reporting. Strong foundation in statistics and database management, complemented by leadership experience in AIESEC and strong stakeholder communication skills.

Education

Bachelor of Science: Data Science and Business Analytics, February 2024 to July 2026 (Expected)
University of Western Australia (UWA) - Perth, Western Australia

Relevant units:

Introduction to Data Science, Economic & Business Statistics, Econometrics, Agile Web Development, Data Storytelling (Tableau), Professional Computing

Diploma IV: Business Statistics, May 2021 to May 2023

Sepuluh Nopember Institute of Technology (ITS) - Surabaya, Indonesia

Relevant units:

Statistical Computing, Regression Methods, Database Management, Programming, Official Statistics, Operations Management

Professional Experience

Data and Business Analyst Intern, January 2026 to Present

Environmental Engineers International – Perth, Western Australia

- Developing and maintaining web-based project tracking application to support operational visibility and reporting.
- Translating business requirements into structured data, dashboards, and reporting outputs.
- Analysing project timelines, task completion, and resource allocation to support operational decision-making.
- Working independently to design data workflows, demonstrating initiative and problem-solving skills.

Technology Service Management Analyst Intern, June to August 2025

BHP - Operational Performance Data & Digital Aus team - Perth, Western Australia

- Analysed financial cost allocations to support performance reporting and developed Power BI dashboards (KPI & MOP Boards) to monitor team performance and operational efficiency.
- Collaborated with cross-functional teams to align KPIs and automate reporting using Excel, SQL, and Power BI.
- Supported operational planning by translating data insights into clear, stakeholder-focused reporting.
- Explored emerging technologies through a Machine Vision (PPE Detection) project using HuggingFace and gained exposure to Snowflake, Oracle, AWS, and enterprise-scale data systems.

Data Science Job Simulation, February 2025

Commonwealth Bank - Online

- Built data pipelines to support data-driven decision-making.
- Applied data anonymisation techniques to ensure privacy compliance.
- Designed structured databases and proposed analytical approaches.

Additional Employment

VIP Suites Hospitality Food and Beverage Attendant - Optus Stadium, October 2024 - Present

- Delivered high-quality customer service in a premium, fast-paced environment, ensuring a positive guest experience.
- Worked collaboratively with team members to meet service standards under time pressure.

All Rounder - Taco Bell, March 2024 - Present

- Managed multiple tasks efficiently in a high-volume service environment.
- Developed strong teamwork, time management, and customer communication skills

Catering Assistant - Cater Care, October 2024 - June 2025

- Supported daily catering operations while maintaining food safety and workplace standards.
- Demonstrated reliability, organisation, and effective communication in a team-based setting.

Extracurricular Activities

Vice President of Talent Management at AIESEC in Murdoch, November 2025 – Present

Team Leader of Talent Management at AIESEC in UWA, July – November 2025

Team Leader of Brand & Marketing at AIESEC in UWA, January – July 2025

Member of Brand & Marketing at AIESEC in UWA, July – November 2024

- Progressed through multiple leadership roles, demonstrating consistent performance and leadership growth.
- Led recruitment and talent development initiatives.
- Developed skills in people management, stakeholder communication, and project coordination.

Volunteering

Primary School Teacher at Zhong Yi Elementary School – Taipei, Taiwan, Dec 2024 – Jan 2025

- Delivered over 90 English lessons using interactive and inclusive teaching methods.
- Designed visual-based lesson plans to improve student engagement.

Sunday School Teacher of WPC Bull Creek – Bull Creek, Western Australia, April 2025 – Present

- Teaching and mentoring children through structured weekly lessons.

Event Committee of Business & Statistics Competitions – ITS, Indonesia, January – May 2023

- Collaborated with a cross-functional committee to plan and deliver a university-level seminar and data competition, supporting event coordination, and stakeholder communication.

Certifications

Advanced Power BI: DAX Language, Formulas, and Calculations - LinkedIn Learning

Excel Power Tools for Data Analysis (Microsoft Power BI) - Coursera

Green Skills Passport - EY and Microsoft

Intermediate and Advanced SQL for Data Scientists - LinkedIn Learning

Skills

Technical & Analytical Skills:

Python, R, SQL, Power BI, Tableau, Excel, Statistical Analysis, Data Visualisation, Database Management

Business & Reporting Skills:

Performance reporting, KPI development, business analysis, data storytelling, reporting automation

Communication & Leadership Skills:

Stakeholder collaboration, teamwork, presentation skills, leadership, adaptability

References

Angeline Tang - BHP Principal Performance Digital

Joshua Burns - Cater Care Clontarf Aboriginal College Manager/Chef