Genevieve Binti David

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WORK EXPERIENCE

Schlumberger Business Support Hub Sdn Bhd **Petaling Jaya, Selangor**
GBS Digital Developer Intern *Mar 2025 - Present*

- Built customized data insight apps for small businesses and student projects using Power BI and Azure
- Developed SQL-based data pipelines for business metric tracking and analysis
- Translated complex data into visual, actionable insights for non-technical stakeholders

Qabas Consulting **Tripoli, Libya**
Data Scientist intern *Jan 2025 - Present*

- Built data-driven solutions using Python, SQL, and Power BI to extract and present key business insights
- Applied machine learning models (e.g., linear regression, decision trees) for real-world business use cases
- Created automated dashboards and ML prototypes to help clients optimize decision-making

Nando's Chickenland Sdn Bhd **Petaling Jaya, Selangor**
CX Ops & Intelligence Analyst *Jan 2024 - Dec 2024*

- Analyze Customer feedback via Aigens and Zendesk
- Develop models to predict churn and satisfaction drivers

RESEARCH EXPERIENCE

Universiti Malaysia Sabah

Optimized Intergrated CNNs for Better Detection *Jan 2024 - Feb 2025*

- A final year project focused on developing a CNN model trained on a 4,500-image eczema and psoriasis image dataset , achieving a **20% reduction in misclassification rates**.
- Optimized hyperparameters and implemented data augmentation techniques, increasing detection accuracy by **85%**.

Manager for Natural Language Processing Project *Sep 2024 - Jan 2025*

A group project to build an NLP model analyzing **500+ social media posts**, predicting mental health trends with **85% accuracy**.

Manager for Big Data Analytics Project *Sep 2024 - Jan 2025*

- A big data comparative study of **Zoho Analytics vs. Power BI**, analyzing scalability using datasets from **100+ countries**.
- Evaluated **500+ data sources**, assessing impact on metrics such as daily vaccination rates and global coverage.

Manager for Data Structure and Algorithms Project *Apr 2023 - Jul 2023*

- A group project to develop a plagiarism detection system using KMP and Rabin-Karp algorithms, enhancing text comparison speed by **30%**.
- Processed datasets of **20,000+ documents**, achieving **95% accuracy** in similarity detection.

EDUCATION

Universiti Malaysia Sabah **Kota Kinabalu, Sabah**
Bachelors of Computer Science in Data Science *Graduation Date: Dec 2025*

Award: Dean List Award

PROJECT EXPERIENCE

SM Chung Hwa **Tenom, Sabah**
"SPBT Log" Platform *Dec 2024 - Present*

Built an inventory tracking system using Dart with intuitive user interface that streamlined operations for **300+ students and staff members**, cutting inventory mismanagement by **50%**.

CERN IdeaSquare   **Zurich, Switzerland**

"Dr.World" Flood Data Application   *Oct 2022 - Feb 2023*

A citizen science project integrating MindLogger and machine learning techniques to predict flood patterns, reducing false alarms by **40%**.

VOLUNTEER EXPERIENCE

Borneo Sun Bears Conservation Centre   **Sandakan, Sabah**

Bear Caretaker   *Jul 2024 - Nov 2024*

- Monitored and recorded bear behavior, health, and feeding patterns, improving tracking efficiency by **35%**.
- Applied machine learning (Random Forest) to predict health trends, achieving **80% accuracy** in early disease detection.

Universiti Malaysia Sabah Technology Festival   **Kota Kinabalu, Sabah**

Deputy Head of Media and Publicity Unit   *Oct 2023 - Dec 2023*

Led a media team of **10+ members**, overseeing content creation and event promotions that increased engagement by **40%** and boosted festival attendance by **25%**.

Tenom Innovation Center   **Tenom, Sabah**

Robotics Instructor   *Jan 2017 - Aug 2020*

- Taught **C++ and Python programming**, enabling students to develop embedded systems and automation projects.
- Guided participants through hands-on workshops, improving technical proficiency and problem-solving skills by **30%**.

Young Malaysian Engineers   **Kuala Lumpur**

Business Analytics Lead - Events and Projects   *Apr 2023 - Aug 2024*

- Leveraged SAP and Power BI to analyze event data, leading to a **15% reduction in event budgets** through cost optimization.
- Implemented data-driven decision-making strategies that increased attendee engagement by **30%**.

EXTRACURRICULAR EXPERIENCE

ASEAN LLM Hackathon   **Singapore**

Top 30 LLM Tuner   *Mar 2025 - Apr 2025*

Achieved Top 30 ranking in the ASEAN LLM Hackathon 2025 by optimizing LLM tuning strategies on AWS, securing competitive leaderboard accuracy among ASEAN data practitioners.

YSEALI AI FutureMakers   **Chonburi, Thailand**

YSEALI Fellow   *Dec 2024 - Present*

Selected as **Malaysia's representative** for AI innovation workshops, collaborating with **40+ experts** across ASEAN to pitch AI-driven projects to be implemented across ASEAN.

CERN IdeaSquare   **Zurich, Switzerland**

Project Manager   *Oct 2022 - Feb 2023*

Developed prototype solutions addressing environmental challenges that improved data processing efficiency by **25%**, optimizing sustainability-focused projects in collaboration with CERN members and European universities researchers.

Dr. Jane Goodall's Roots and Shoots Malaysia Award   **Kuala Lumpur, Malaysia**

Award recipient   *Jul 2024 - Nov 2024*

Recognized for outstanding contributions to conservation and sustainability efforts, impacting **100+ youth volunteers**.

International Social Data Science Hackathon   **Vienna, Austria**

Silver Award Recipient   *Dec 2023 - Jan 2024*

Central European University's hackathon to create visualization dashboards used for **real-time data-driven decision-making** processes for stakeholders.

SKILLS

Programming: C, C++, C, Python, Java, MySQL, R, DAX, Dart, JavaScript, HTML, CSS

Languages: Bahasa Malaysia (Native), English (Fluent), Bahasa Indonesia (Conversational and reading), Mandarin (Conversational and reading), French (Reading)

Others: Digital Marketing, Content Creation and Video Editing