SU THET MIN HTET

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About Me

A freshly graduated Computer Science Student specializing in Big Data with a strong foundation in machine learning, data analysis, and programming. Completed hands-on projects, including building machine learning models and deploying web apps. Looking to leverage my knowledge and experience into a role in Data Science.

Education

University of Wollongong, Australia — *Bachelor of Computer Science, Big Data* **Mar 2023 - Mar 2025**

- Current Weighted Average Mark (**WAM**): 73.94 / 100
- Specialized in Big Data, focusing on data mining, machine learning, and scalable systems, Gained strong foundation in Python, SQL, data structures, and algorithm design through project-based learning, Developed real-world skills in data wrangling, visualization, and model evaluation using libraries like Pandas and Scikit-learn
- Completed two capstone software development projects, demonstrating teamwork, communication, and technical delivery skills using agile methodology, Excelled in coursework involving distributed computing, data pipelines, and cloud-based data storage systems

Singapore Institute of Management — *Diploma of Information Technology* **Apr 2022 - Mar 2023**

- Gained foundational knowledge in computer science principles, including programming, databases, and systems development technique.
- Learned to write code in programming languages such as Python and Java, the fundamentals of computer Networking, and IT Project Management.

Work Experience

Myanmar Apex Bank | *Intern* **July 2025 - Present**

- Extracted and manipulated large datasets from **Oracle databases** using advanced **SQL** queries to ensure accuracy, relevance, and optimization for performance.
- Collaborated with business and technical teams to design data logic, clean and transform raw data, and deliver automated reports supporting strategic decision-making.
- Enhanced financial data structure understanding by optimizing SQL queries and improving data pipeline efficiency.
- Developed and maintained dashboards to visualize key banking metrics, enabling real-time performance tracking.
- Contributed to collaborative reporting processes in a fast-paced banking environment, improving cross-departmental data sharing.

Projects

Sentiment Analysis **Feb 2025 - Feb 2025**
Personal Project

- Developed a sentiment classification model using **XLM-RoBERTa (Hugging Face)** to analyze tweets.
- Fine-tuned the model on social media data using **tokenization and transfer learning**, leveraging attention-based mechanisms to improve contextual understanding.
- Evaluated model performance using **accuracy, F1-score, and confusion matrix**, achieving over **90%** accuracy.

Traffic Bottleneck Identification on Road Network **Oct 2024 - Feb 2025**
Final Year Project

- Led a team of 4 as **project leader** to design and implement a dynamic traffic Bottleneck Identification system.
- Applied **Python and graph-based algorithms** to detect congestion points and suggest alternate routes.
- Integrated **map-based visualizations and real-time/synthetic traffic data analysis** for bottleneck identification.
- Delivered **geospatial analytics reports** that supported traffic optimization and delay reduction strategies.
- **Live Demo:** FlowX App

CAERS Data Analysis **Aug 2024 - Aug 2024**
Personal Project

- A Conducted **exploratory data analysis** on the CAERS dataset from Kaggle to uncover patterns in adverse food event reports.
- Cleaned, aggregated, and visualized data using **Python (Pandas, Seaborn)** to generate actionable insights.
- Built an interactive **Streamlit application** for dynamic exploration of trends in adverse event data.
- **Live Demo:** CAERSDataAnalysis Streamlit App

Skills

Languages: Python, Java, C++, SQL (NoSQL, PostgreSQL)

Data Visualization: Matplotlib, Seaborn

Libraries & Frameworks: Flask, Streamlit, Spark, Hadoop, Pandas, NumPy, Scikit-Learn, TensorFlow, PyTorch

Workflow Tools: Git, VS code, Jupyter Notebook, Google Colab

Languages

- English (Fluent)
- Burmese(Native)