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
Mar 2023 - Mar 2025

Bachelor of Computer Science, Big Data

- 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

- support data-driven decision-making by cleaning, analyzing, and visualizing large datasets.
- My work involves extracting insights from raw data, preparing dashboards, and contributing to business reports that guide strategic planning. I'm also gaining hands-on experience with tools like SQL, Excel, and Python to enhance my analytical skills. Right now, I'm focused on a project that helps identify key trends and patterns in customer behavior to improve service efficiency

Projects

Sentiment Analysis
Feb 2025 - Feb 2025

Personal Project

- A sentiment classification model was developed using XLM-RoBERTa, a multilingual transformer provided by Hugging Face, to analyze tweets. The model was fine-tuned on social media data using tokenization and transfer learning techniques. Attention-based mechanisms were leveraged to improve contextual understanding, and model performance was evaluated using accuracy, F1-score, and confusion matrix.

Traffic Bottleneck Identification on Road Network
Oct 2024 - Feb 2025

Final Year Project

- Traffic bottlenecks were identified through the development of a dynamic traffic analysis system using map-based visualizations and congestion detection algorithms. Real-time or synthetic traffic data was analyzed to locate congestion points, and alternative routes were suggested to reduce delays. Python and graph-based methods were used to support geospatial data analysis and algorithmic optimization.
- **Live Demo:** FlowX App

CAERS Data Analysis
Aug 2024 - Aug 2024

Personal Project

- An exploratory data analysis was conducted on the CAERS dataset sourced from Kaggle to uncover patterns in adverse food event reports. Data was cleaned, aggregated, and visualized using Python (Pandas, Seaborn), and an interactive Streamlit app was developed to allow users to explore insights dynamically.
- **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)