

# THINLEY YESHEY CHODEN

FINAL YEAR, DATA SCIENCE STUDENT

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Alor Setar, Kedah



## Professional Summary

Final-year, Computer Science student seeking an internship from August 2025 to January 2026 in data analytics, web development, or database management. Proficient in Python, R, Java, C, MySQL, and HTML with hands-on experience in real-world problem-solving and collaborative development using Git and GitHub. Currently working on a deep learning-based web platform for melanoma detection system as my Final Year Project, and have completed research on HER2 breast cancer prediction using deep learning. Quick to learn, adaptable, and eager to contribute to impactful, data-driven solutions.

## Education

### Bachelor of Computer Science (Honors)

#### Albukhary International University (AIU) | Data Science Specialization

Alor Setar, Kedah, Malaysia

Expected Graduation: April, 2026

- Cumulative GPA: 3.91/4
- Award: Dean's List

## Technical Skills

- Programming Languages: Python, R, Java, C, SQL, HTML, CSS
- Frameworks & Tools: Flask, Git, GitHub, VS Code, Jupyter Notebook, Tableau
- Data Science Libraries: Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn
- Data Management: SQL, Database Management, Data Mining, Microsoft Excel
- Core Expertise: Machine Learning, Deep Learning, Data Cleaning, Preprocessing, Data Visualization

## Soft Skills

- Adaptable and quick learner, open to new challenges
- Strong teamwork and collaboration abilities
- Analytical and problem-solving skills
- Detail-oriented
- Effective communicator with strong interpersonal skills
- Outgoing and proactive in engaging with teams and stakeholders

## Projects

### Image Color Detection System | Group Project, Artificial Intelligence

- Developed a real-time color detection system using Python with OpenCV, Pandas, and NumPy
- Presented its implementation and results.

Duration: 1 month

### E-commerce Platform for Social Business Products and Services | Group Project, Software Engineering

- Analyzed business requirements and designed technical specifications for an e-commerce platform.
- Developed system models and testing strategies, improving alignment with stakeholder needs.

Duration: 1 month

### Bookstore Inventory Management System | Group Project, Database Management System

- Designed and implemented a MySQL-based inventory system, ensuring efficient data management.
- Created ER models and optimized database structure for streamlined operations.

Duration: 3 months

### Research on Ensemble Model for Asthma Diagnosis

- Built an XGBoost ensemble model combining logistic regression, random forest, and SVM.
- Achieved a 93% accuracy rate in predicting asthma exacerbations based on patient breathing data.

Duration: 3 months

## Certification

- AWS Academy Graduate - AWS Academy Machine Learning Foundations (2024)

## Extra-Curricular

- Founding member of Social Business "Aroma Revive" (Nov 2023-present) @aroma\_revive - Brand Communications Lead
- Member of Campus Press in AIU Media club (Nov, 2023-Jan, 2024)
- AIU residence Council (2024/2025)
- HULT prize participation (2023)
- School-level Debate Competition Participant