Chamnan Mongkul

THIRD-YEAR DATA SCIENCE AND ENGINEERING STUDENT

PROFESSIONAL SUMMARY

I am a third-year Data Science and Engineering student with hands-on experience in Python, Web Development (HTML, CSS, JavaScript, Django) and data querying. Experienced in creating Python notebooks, analyzing datasets, and building basic web applications. Eager to apply problem-solving and technical skills in a professional environment and contribute to impactful projects.

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EDUCATION

Bachelor of Science in Data Science and Engineering | 2023 – Early 2028 (expected)
Royal University of Phnom Penh, Cambodia

High School Diploma | Graduated 2023
Santhormok High School, Cambodia

English as Second Language Diploma Degree | Graduated 2019
Beltei International School, Cambodia

PROJECTS

Room Booking Web Application
- Built using Python (Django) for backend and HTML/CSS/JS for frontend.
- Implemented admin features including CSV export and room filtering.

Data Visualization with Python Notebooks
- Created charts and graphs using Matplotlib and Pandas.
- Analyzed datasets and produced clear, visual insights.

Social Network Simulation (Python)
- Implemented BFS, DFS, and Dijkstra's algorithm for user connections.
- Visualized graphs using NetworkX and Matplotlib.

Website Practice Projects
- Designed simple web pages with HTML, CSS, and JavaScript.
- Experimented with layouts, forms, and styling as part of self-learning.

E-Commerce Store
- Developed a web-based platform for managing and selling apparel products.
- Build using React and HTML

TECHNICAL SKILLS

- Programming: Python, JavaScript, HTML, CSS
- Frameworks: Django, Bootstrap
- Databases: SQL (queries, joins, filtering)
- Tools: Jupyter Notebooks, Git, VS Code
- Data Visualization: Matplotlib, Pandas
- Software: Canva, Microsoft Office (Word, Excel, PowerPoint)

CERTIFICATE

- Critical Thinking & Analysis Skills Certificate (ACE, 2022)
- Participate in the ASEAN Data Science Explorers 2025 competition
- Completed AWS Academy Machine Learning Foundations (2024)
- Completed Machine Learning Bootcamp (2024)