

# NGUYEN CONG TRUC

Ho Chi Minh City, Vietnam | (+84) 865463922 | [Gmail](#) | [Linkedin](#) | [Github](#) | [Portfolio](#)

**Objective:** Enthusiastic and results-oriented data analyst intern with a strong interest in becoming a data scientist. Experienced in data cleaning, visualization, and machine learning. Passionate about using data and AI to solve problems and support decision-making in a collaborative environment.

## TECHNICAL SKILLS

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- Programming languages: Python, C/C++, HTML, CSS, JavaScript.
- Data Science - related libraries: NumPy, Pandas, Matplotlib, Seaborn, Plotly, SciPy, scikit-learn.
- Modeling Domains: Machine Learning, Deep Learning, Natural Language Processing (NLP), Computer Vision.
- Automation: Web Scraping (Selenium, BeautifulSoup)
- Data Analysis Tools: SQL Server, Power BI, MS Excel, Google Sheets, Google Colab .

## EXPERIENCE

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**CMT- Global Group - Data Analyst Intern** **Feb 2025 - May 2025**

- Automated web scraping with Selenium & Beautiful Soup, storing results in Google Sheets.
- Cleaned and categorized data in Google Colab, ensuring accuracy and consistency.
- Conducted EDA to evaluate data quality and provided insights for project alignment.

## TECHNICAL PROJECTS

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**User Retention & Loyalty Prediction in E-commerce**

**May 2025**

Analyzed 50M user activity records to identify return customers, detect potential loyal users, and predict the probability of repurchasing from the same store.

Approach: Performed null value imputation, clustering, and data standardization; applied descriptive statistics, time series analysis, customer segmentation, and RFM analysis to understand purchasing behavior and retention trends.

- *Achievement: **Top 40 in DAZONE 2025** | Issued by Research Club for Students - RCS FTU*
- *Tool: SQL, Python, Plotly*

**Data Science Salary Prediction**

**Nov 2024 - Dec 2024**

Analyzed and evaluated the demand for Data Science roles in 2024, identified key salary-determining factors, and built a predictive model to support career planning and HR decision-making.

Approach: Performed data preprocessing and cleaning; conducted in-depth univariate, multivariate, and contextual EDA; trained and evaluated multiple machine learning models for salary prediction.

- *Tool: Power BI, Python.*

**Lung Cancer Prediction**

**May 2024 - June 2024**

Predicted lung cancer risk using hospital survey data; performed EDA to identify key risk factors (pollution, smoking, genetics) and segmented patients into risk levels. Trained ML models to classify patient risk.

- *Achievement: **Winner of the machine learning analysis and prediction** | MindX Technology School*
- *Tool: Python, Pandas, scikit-learn, Matplotlib, Seaborn*

**Maven Churn Challenge**

**Feb 2024 - Mar 2024**

Analyzed telecom churn behavior using clustering and spending pattern analysis; identified high-risk customer segments based on tenure, service type, and billing method to support retention strategy.

- *Tool: SQL, Power BI.*

**Maven Pizza Challenge**

**Oct 2023 - Nov 2023**

Analyzed sales and inventory data using time series and product performance analysis to optimize menu, pricing, and procurement strategies.

- *Achievement: **Winner of the data analysis project** | MindX Technology School.*
- *Tool: Python, SQL, Power BI.*

## CERTIFICATE

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**TOEIC (LR): 705, [HackerRank SQL \(Advanced\)](#)**

## EDUCATION

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**University of Information Technology, Ho Chi Minh City, Vietnam**

**Sep 2022 - Sep 2025**

Bachelor of Computer Science

GPA: 8.41/10.00

**MindX Technology School, Ho Chi Minh City, Vietnam**

**Aug 2023- May 2024**

Data Analyst