

Nguyen Cong Phat

✉ congphatnguyen.work@gmail.com | 📞 (+84) 782-512-466 | [🌐 linkedin.com/in/ncp2005](https://www.linkedin.com/in/ncp2005)
[🐙 github.com/paht2005](https://github.com/paht2005) | [🌐 Portfolio Website](#) | 📍 Ho Chi Minh City, Vietnam

SUMMARY

Proactive and data-driven Computer Science student with a strong foundation in Machine Learning, Deep Learning and model optimization. Proven ability to transform complex data into high-impact, ML-driven solutions, with growing interest in applying AI to healthcare domains such as mental-health NLP, emotion detection, and conversational agents. Seeking an AI/ML Engineer Intern role to develop, optimize, and integrate intelligent systems into real-world products.

EDUCATION

University of Information Technology – VNUHCM **Sep. 2023 – Dec. 2026 (Expected)**
Bachelor of Science in Computer Science — GPA: 8.58/10 *Ho Chi Minh City, Vietnam*

- **Achievements:** Outstanding Student Honoree (Top 15%) - Recognized for academic excellence and student performance
- **Relevant Coursework (Points):** Software Engineering (9.5), Database (9.2), Computational Thinking (8.5)
- **Activities & Leadership:** Elected Class Monitor of KHMT2023.3, honored with “Outstanding Class Leader 2024” award; Coordinated logistics and outreach as Organizing Committee Member of “Mùa Xuân Cho Em 2025” volunteer campaign supporting underprivileged children.

TECHNICAL STACKS

Programming Languages: Python, SQL, R.
AI/Machine Learning: TensorFlow, PyTorch, Scikit-learn, XGBoost, CNN, NLP, Computer Vision
Computer Vision: YOLOv8, EasyOCR, Emotion Detection
Data Processing & Visualization: Power BI, Matplotlib, Seaborn, Plotly
MLOps & Deployment: Flask, FastAPI, MLflow, Docker
Tools: Git, Jupyter Notebook, VSCode, Microsoft Excel.
Soft Skills: Analytical Thinking, Problem Solving, Team Collaboration, Result-oriented Leadership, Time Management

EXPERIENCE

Data Research Analyst Intern **Aug. – Nov. 2025**
FresherUp *Ho Chi Minh City, Vietnam (Remote)*

- **Analyzed** over 10,000 candidate and company records using Python and SQL, generating actionable insights that contributed to a 15% increase in company collaborations.
- **Designed and implemented** a user feedback system, increasing response rate by **20%** and improving satisfaction metrics within 2 months.
- **Built** analytical dashboards to monitor marketing and outreach campaigns, enabling data-driven decisions across **3 departments and boosting efficiency by 12%**

PROJECTS

VPBank Customer Service Usage Analysis | Personal Project [View Project](#)

- **Processed and visualized** 113K+ customer transactions with Power BI to uncover service usage and revenue trends.
- **Segmented** customers by region, asset value, and adoption level, identifying high-value “Gold” customers contributing **78% of total assets**.
- **Delivered** actionable insights and strategic recommendations supporting a **20% quarterly revenue growth** target.

Loan Approval Prediction | Group Project [View Repository](#)

- **Role:** Led feature engineering and model development for a 4-member team.
- **Led** EDA and **engineered** new features through correlation-based elimination and data cleaning to **enhance** signal quality.
- **Developed** and **optimized** tree-based models (**XGBoost, LightGBM, CatBoost**) via 5-fold cross-validation, achieving an **F1-score of 0.8939** and **AUC of 0.9631**.
- **Authored** and **presented** the final report, **translating** technical findings into clear narratives for academic evaluation.

HONORS & AWARDS

KMS Back2School Scholarship – Top 6% of IT students in the nation with outstanding performance and dedication. **2025**
Coherent Vietnam Scholarship – Top 5% of students at VNUHCM for outstanding academic excellence. **2025**
UIT Academic Excellence Scholarship – Awarded to the Top 8% of students at UIT (1st Semester, 2023–2024) **2024**
Top 50 Ranking – AI City Challenge 2024 (Track 4: Road Object Detection) among 500+ global participants **2024**

LANGUAGES

English: C2 Proficient Reading & Listening (EF SET Certified, 74/100) — **Vietnamese:** Native.