

Contact

www.linkedin.com/in/van20198
(LinkedIn)
vannguyenhuu.github.io/
(Personal)

Top Skills

Business Data Management
Data Control
Microsoft Fabric

Certifications

Google Data Analytics Specialization

Publications

Khi Máy Học Làm Nông

Van Nguyen

AI Engineer, Data Engineer
Ho Chi Minh City Metropolitan Area

Summary

I work on and write about AI in Vietnamese. I believe AI can democratize education, making knowledge accessible to all. Having faced financial barriers to education abroad, I am passionate about using AI to remove these obstacles.

I'm your go-to person for all things data, thriving on crafting seamless processes and diving into analytical insights to leverage data for team success. I am also interested in bioinformatics and applying data science to agricultural life sciences, with several related side projects.

Check out my blog for insights on technology, programming languages, data science, and AI:

As a technical writer: <https://itviec.com/blog/author/nguyen-huu-van-2/>

As a technical reviewer: <https://itviec.com/blog/technical-content-reviewer/nguyen-huu-van/>

Experience

ST Engineering

1 year 8 months

AI Engineer

February 2024 - Present (1 year 2 months)

Singapore

- Assumed the role in response to increasing demand for AI and ML solutions at ST Engineering.

- Assembled a team of 20 professionals from various roles, including developers, DevOps, QA, and others, from our company's Group IT and VCC divisions. Developed demos and use cases for applying Large Language Models (LLMs) using free and trial tools like Llama, LangChain, and Google's Vertex platform, including multimodal models like Gemini and DocAI.

- Developed UI for AI applications using Streamlit, deployed, maintained, and debugged the performance of various data science and AI projects to ensure seamless operation.
- Trained business users to utilize tools like MS Fabric and Copilot for data processing and reporting.

Data Engineer

August 2023 - February 2024 (7 months)

Singapore

- Designed and executed ELT processes to retrieve data from SAP and Salesforce, ensuring seamless integration into the MSSQL database.
- Led the establishment of a resilient data pipeline using Microsoft Fabric to enhance support for both data and business teams.
- Managed the migration of report endpoints post-migration to ensure continued efficiency and accessibility.
- Collaborated on Language Model Models (LLMs) projects, leveraging the GPT-4 API and LlamaIndex to support business procurement more effectively.

ITviec

Data Management Consultant

January 2024 - Present (1 year 3 months)

Ho Chi Minh City, Vietnam

Through a consultation contract, I dedicated a few hours a week to assist ITviec with the following responsibilities:

- Worked directly under the CEO to provide strategic data management insights.
- Consulted on structuring data flow from production to reporting, ensuring efficient and seamless data processing.
- Advised on building and scaling data and AI teams to meet organizational needs.
- Provided expertise on selecting and utilizing data tools, evaluating their cost, necessity, and value to maximize efficiency and impact.

Tripadvisor

Product Analyst

March 2022 - August 2023 (1 year 6 months)

Australia

- Identify new business opportunities by examining sales and marketing reports.

- Work closely with Sales Director, Marketing Director, and Project Manager to leverage data insights for growth strategies.
- Collaborate with the Product, Data Engineer, and Data Scientist team to collectively build and implement innovative new features or identify and solve problems.
- Support new feature releases through A/B testing, performance metric analysis, and dashboard building.
- Implement a comprehensive event-tracking system to gain valuable insights on user interactions and key metrics, driving data-backed decision-making and product improvements.
- Utilize existing tools (BigQuery, BI tools, Python, Airflow) and adapt to new tools (MySQL, Looker, PySpark, Cloud services) for enhanced problem-solving capabilities.
- Involves in-depth customer analysis, encompassing various customer groups through segmentation, cohorts, and a profound comprehension of their preferences and behaviors.

FE CREDIT

Data Analyst

May 2021 - March 2022 (11 months)

Ho Chi Minh City, Vietnam

- Allocating loan contract to collection department and call center using Python and PL/SQL Oracle.
- Cleaning and preprocessing credit card data to make ad hoc reports.
- Classification of debt groups by clustering algorithms (k-mean)
- Cleaning and preprocessing data, then feeding data to check the correlation between data fields. Using finding from this to guide the collection center.
- Write ETL jobs to extract the data and delivers it from the legacy system, csv files to the new system.
- Design dashboard by Power BI.

Viettonkin JSC

Business Intelligence Analyst

August 2019 - May 2021 (1 year 10 months)

Ho Chi Minh

- Builds and defines the application tracking report system for the Staffing Services.
- Collaborate with the Research team to conduct in-depth market analyses of recruitment trends, and utilize the gathered insights to create detailed

statistical reports, including competitor pricing and a comprehensive market overview.

- Use Python to clean HR data (resume, portfolio, ID, salary, day-offs, SHUI, PIT, ...) and make payslips and send emails.
- Write Python script to automate the task of reaching candidates.
- Planning the talent acquisition strategies and action plan for execution.
- Design dashboard by Power BI.

U.S. Department of State

System Administrator

September 2018 - August 2019 (1 year)

Ho Chi Minh

- Installation, maintenance, configuration, and repair software.
- Be responsible for daily support system management, including computer and AV systems, CRM, ERP, VR/AR Education Kit, 3D printer,... in the American Center.
- Working with the MakerSpace activities.
- Assisting with the American Center and EducationUSA design projects.
- Report weekly using Excel and Canva.
- Use python to automate the data analysis process

Education

UEH - International School of Business

Bachelor's degree, Business Information Systems and Statistics · (2016 - 2019)