# Đào Duy Đại

Hà Nội, Việt Nam
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## EDUCATION

**Foreign Trade University - Class of 2020**                                              **Hà Nội, Việt Nam**
*Bachelor of Business in Japanese-Style International Business (JIB)*                    Expected 07/2024
- **Current GPA:** 3.61 / 4.0;
- **Relevant Coursework:** Financial Analysis, Econometrics, Business Plan V-BIZ.

**Achievements**
- **Score:** 29/30 (A department) in National High School Graduation Exam 2020 with 10/10 in Math;
- **Valedictorian** of A department in Tuyen Quang province (2020).
- **Top 30** RMIT Business Analytics Champion Competition 2023.

## SKILLS

**Technical Skills:** Data Manipulation, Data Cleaning, and Data Wrangling in Python; Query (complex join, subqueries, unions..) and Design Database in SQL; Design Dashboard and Model Data in Power BI; Data Processing in PySpark; Linux Command at User Level; Basic Financial Modeling in Excel.
**Soft Skills:** Problem-solving Skills, Systematically Analyzing Skills. Teamwork.
**Languages:** Conversational Proficiency in English, Basic Communication in Japanese (Equivalent N3).

## PROJECTS                                    **[Portfolio | Đào Duy Đại (hankniel.github.io)](https://hankniel.github.io)**

**Business Growth Strategy Analysis** | *Power BI*
- Analyze data of a fictional company that needs to grow and expand its business using several metrics and time-series analysis.
- Provide insights and recommendations for the company's growth plan including market, time, target customers, etc.

**Customer Segmentation Analysis and Churn Prediction** | *Python*
- Analyze Pizza Hut's fictitious customer data based on Clusters through KMeans - RFM Segmentation.
- Performing Customer Lifetime Value and Churn Probability predictions using Machine Learning and BG/NBD - Gamma-Gamma Model.

**Fraud Detection** | *Python*
- Leverage Python to analyze credit card transaction data of users and identify fraud transactions using XGBoost - XGBClassifier Model.
- The Model can detect 91.6% of fraudulent transactions.

## WORK EXPERIENCE

**Personal Tutor**                                                                      Apr 2022 - Jun 2023
- Math tutor for 4 students for the national high school exam. All 4 students scored over 8 on the exam and passed into their desired university.

## CERTIFICATIONS
- DataCamp Data Analyst Professional
- DataCamp Data Engineer Associate
- Hackerrank SQL Advanced

## ACTIVITIES AND INTERESTS

**Activities:** FTU Guitar Club - Organizing Department.
**Interests:** Interested in math and finance, data and programming.