
Personal Information

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Career Objective

4th year student majoring in [Computer Science / Data Science / Applied Mathematics], I aim to develop a career in **Data Science** and **Machine Learning**. I am eager to apply my analytical and programming skills to support data-driven decision making while gaining hands-on industry experience.

Education

[Open university] — Bachelor of Computer Science
[2022 – present]

- GPA: [3.2/4.0]
- Relevant coursework: Probability & Statistics, Database Systems, Big Data Analytics, Distributed Database.

Projects / Experience

Customer Behavior Analysis

- Processed and cleaned ~10,000 supermarket transaction records.
- Applied Python (pandas, matplotlib, seaborn) for data analysis & visualization.
- Conducted customer segmentation using RFM analysis, providing actionable insights.

House Price Prediction (Kaggle dataset)

- Implemented regression models (Linear Regression, Random Forest).

- Performed feature engineering and model evaluation (RMSE).
- Ranked in Top 20% on Kaggle leaderboard.

Library Management system

- Developed a library management application to handle **book cataloging, user registration, and borrowing/return processes**.
- Designed and implemented a relational database (MySQL) for efficient data storage and retrieval.
- Built CRUD functionalities for books, users, and transactions, along with reporting features (overdue books, borrowing statistics).
- Applied user authentication and role-based access control to enhance system security.
- Improved library management efficiency by providing a user-friendly interface and automated workflows.

Skills

- **Programming:** Python (pandas, numpy, matplotlib, scikit-learn), SQL, R (basic)
- **Databases:** MySQL, PostgreSQL
- **Tools:** Advanced Excel, Power BI/Tableau, Git
- **Data Analytics:** Descriptive statistics, hypothesis testing, data visualization

Activities & Achievements

- **Consolation Prize – University-level Scientific Research Competition**
Project: "Hybrid model CATA+Swin for Super resolution"

Languages

- Vietnamese: Native
 - English: TOEIC 750
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