DUONG HIEN CHI KIEN

Email: 24kien.dhc@vinuni.edu.vn   *__Github__*

Phone number   +84 905.413.804

EDUCATION

Vin University   *Class of 2028*

College of engineering and computer science

Bachelor of science in computer science

OUTSTANDING PERSONAL PROJECTS

Fin_Care   *2/2025 - Now*

- **Techniques & Models:** TabNet, ResNet-50, Flask, Supabase, GPT API
- **Responsibilities:** Develop models to predict the Bank loan approval rate for SMEs. Specifically, I build a model predicting the value of Collateral through images and cooperate this feature with financial statements from SMEs to predict their acceptance rate. Moreover, I also leverage GPT API to give advice to SMEs. Finally, I set up a basic server included these models to let a website written by JS can call and use these ones.

Matrix Profile & DL for healthcare | *UROP at VinUniversity*   *10/2024 - Now*

- **Techniques:** Numpy, Pandas, CNN, Torch, Keras, Matrix Profile Algorithm
- **Responsibilities:** Study novel methods to preprocess and extract features from ECG signal data and leverage some current CNN architectures such as LeNet5 or VGG19 for Sleep Apnea detection

Sign speak application   *10/2022 - 12/2022*

- **Description:** Sign speak is a product intended to improve the effectiveness of communication between the deaf and normal people. Its function is to recognize hand signs and display the meaning of it in text on the screen for those who are unable to understand sign language
- **Responsibilities:** Planning ideas and giving solutions for the project, researching the algorithms and operating procedure, writing reports and designing poster
- **Achievements:** Won first prize in Science and Technology of Da Nang City 2022

Guitar Amaze application   *5/2023 - 8/2023*

- **Description:** Guitar Amaze is a music application that integrates a guitar tuner and music chord function, providing convenience for guitarist
- **Responsibilities:** Making the frontend development for the application through using Dart language and Flutter framework

ACADEMIC REWARDS

- **Silver Medal - 30/4 Olympic 2023**
- **First Prize - City-level Youth Information Technology Competition 2023**

- **First Prize - City-level Youth Information Technology Competition 2022**
- **Second Prize - Olympic Competition in the Central Region of Vietnam 2022**
- **First Prize - City-level Science and Technology 2022**

TECHNICAL SKILLS

Languages: C/C++, Python, Dart

Libraries: Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, Pytorch, TensorFlow

IDE: CodeBlocks, Visual Code Studio, Pycharm, Jupyter Notebook, Google Colab