Phạm Tất Thành

Developer

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📍 **Phú Thuận, Bình Đại, Bến Tre**   🌐 **ptthanh01.github.io/resume/**

OBJCTIVE: I am seeking a work environment where I can contribute to your organization's projects and advance my career in software development. Motivated, quick learner, and eager to grow in a dynamic team environment.

TECHNICAL SKILLS

- Basic programming languages: C++, Java, Python.
- Machine learning and deep learning.
- Natural language processing.
- Python programming with TensorFlow, PyTorch.
- Web development: JavaScript, ReactJS, ExpressJS, Laravel.
- Others: Basic English reading and writing comprehension.

◆ EDUCATION

◆ 09/2019 - 04/2024   **Saigon University**
INFORMATION TECHNOLOGY (High-quality)
GPA: 7.13/10 (2.71/4)

◆ WORK EXPERIENCE

◆ 10/2023 - 02/2024   **Intern**
CyberSoft Academy

- Developed teaching materials for students
- Developed applications:
  - Map search application using BFS, DFS, Dijkstra algorithms and search and sort algorithms in Python with Tkinter GUI.
  - Hotel management application using CustomTkinter library.
  - Flight management application.

◆ **Project:**   **MAP SEARCH APPLICATION** | 10/2023 - 12/2024
- **Description:** Utilized BFS, DFS, and Dijkstra algorithms to nd the shortest path. Implemented Search and Sort algorithms for ecient data retrieval. Developed user interface using Tkinter library and visualized paths using Matplotlib.
- **Role:** Developer
- **Tech stack:** Python, Tkinter, CustomTkinter, Matplotlib.
- **Team size:** 1 member.

HOTEL MANAGEMENT APPLICATION | 12/2023 - 01/2024
- **Description:** The application allows users to browse hotel listings, access detailed information, and determine the shortest path to selected destinations. Efficiently integrated Search and Sort algorithms to implement a filtering mechanism. Utilized the CustomTkinter

library for user interface creation and Matplotlib for path visualization.

- **Role:** Developer
- **Tech stack:** Python, CustomTkinter, Matplotlib.
- **Team size:** 1 member.

FLIGHT MANAGEMENT APPLICATION | 01/2024 - 02/2024
- **Description:** The application allows users to browse the list of flights and view detailed information of selected flights. Efficiently integrated Search and Sort algorithms to implement a filtering mechanism. Use CustomTkinter library to create user interface.
- **Role:** Developer
- **Tech stack:** Python, CustomTkinter, Matplotlib.
- **Team size:** 1 member.

◆ SKILL

- Intermediate | Python |

- Beginner | Algorithm | | ReactJS | | ExpressJS | | PyTorch | | TensorFlow | | JavaScript | | Java |

◆ PERSONAL PROJECT

- 03/2023 - 06/2023   **LEARN ABOUT REACT.JS AND EXPRESS.JS APPLICATIONS IN BUILDING A SOCIAL NETWORKING WEBSITE FOR BOOK READERS.**

  Project URL: https://github.com/PTThanh01/Fullstack-socialmedia.git

  Description: The project developed a social networking website for book enthusiasts, using React.js for frontend and Express.js for backend. It includes features like user authentication, profile customization, book recommendations, discussion forums, real-time messaging via Socket.io, and MongoDB integration. Over three months, the team meticulously implemented React.js and Express.js functionalities, ensuring smooth integration. The resulting website acts as a vibrant hub for book lovers, encouraging engagement and collaboration among users.
  Technology utilization:
  - Javascript
  - React.js: JSX, redux, socket.io…
  - Express.js
  - Database: MongoDB
  - …

- 09/2022 - 03/2023   **UTILIZING THE CARANET MODEL TO DETECT POLYPS IN THE COLON COMPARED TO REALITY.**

  Description: Employing the Caranet model for polyp detection in endoscopic images and evaluating its effectiveness compared to real-world data. Subsequently, enhancing polyp detection capabilities by improving image processing from RGB to grayscale images and converting them to 8-bit planes.
  Technology utilization:
  - Python
  - Google Colab
  - …

◆ CERTIFICATE

- 04/2024 **THE DEGREE OF ENGINEER - Information Technology**
  Saigon University

- 02/2024 **English**
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