TIEN PHU TRAN

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TIENPHUTRAN

PROFILE SUMMARY

I am a Computer Science student with a focus on Artificial Intelligence, currently pursuing a Bachelor of Science at the University of Houston. Experienced in developing machine learning models, particularly with TensorFlow, CNNs, and LSTMs for applications such as skin cancer detection. Proficient in multiple programming languages and frameworks including Python, TensorFlow, Java, C++, SQL, and web technologies. Adept at working in collaborative team environments and delivering innovative solutions in project settings.

EDUCATION

- **Houston Community College**

  Computer Science | August 2020 – May 2023

  - Completed Associate of Science

- **University of Houston**

  Computer Science | August 2023 – Present

SKILLS

- Computer Building and Repairing
- Time Managements
- Problems Solving
- Machine Learning, TensorFlow, CNNs, LSTMs
- Java, C++, Python, HTML/CSS, SQL

PROJECTS

- **Skin Cancers Detection (Aug 2024 - Dec 2024)**
  - Developed a skin cancer detection system using TensorFlow and various machine learning models, including Convolutional Neural Networks (CNNs).
  - Applied image preprocessing, data augmentation, model training techniques to boost detection accuracy.
  - Leveraged deep learning networks for feature extraction and classification, improving skin cancer identification in images.
  - Compared different deep learning and machine learning models to identify the best-performing model.
  - Fine-tuned hyperparameters and applied validation techniques to ensure high accuracy in predicting cancers.
- **Online Clothing Store (Aug 2024 - Dec 2024)**
  - Worked with a team of four to design and implement a responsive e-commerce website for an online clothing store.
  - Designed and developed a user-friendly interface with multiple filters for clothing products based on categories, sizes, and pricing using JavaScript, HTML, CSS, and React components.
  - Applied database technologies to manage user accounts, store data, and handle order processing efficiently.
  - Integrated real-time inventory management to enhance user experience.