HONG AN TRAN

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TECHNICAL SKILLS

Strengths: Analytical, Problem Solving, Well-Organization, Flexibility.
Programming Languages: Java, Python, C++, HTML/CSS, Git/Github, Microsoft Office (Excel, Word)
Operating Systems: Windows 11

PROFESSIONAL EXPERIENCE

Software Engineer Intern | Lacaco Wholesales | Garden Grove, CA　　　　　　　**August 2023 - Present**

Developed an automated email response system utilizing Python, Gmail API, Drive API, AWS EC2, and OpenAI API to enhance email processing efficiency for a company.

- Implemented an auto-reply feature for customer inquiries requesting price list, seamlessly storing customer details in the company's database, and intelligently assigning them to approriate sales representatives
- Streamlined the reception and processing of supplier emails containing price lists. The system efficiently extracted and transferred supplier data into the company's price list, ensuring accuracy and saving valuable time.
- Engineered a predictive module for unknown emails, categorizing them as potential customers, suppliers, or advertisements. For potential customers, the system automatically sent requests to fill out the company's website form. Identified and labeled supplier emails within Gmail, optimizing communication channels.

Links: [Lacaco](#)

PROJECTS

Credit Score Prediction | Python　　　　　　　　　　　　　　　　　　　　**February 2023**

- Sourcing and cleaning a substantial dataset from Kaggle, ensuring data quality, conducting Exploratory Data Analysis (EDA) to identify influential features, and developing a Python-based machine learning model for accurate credit score prediction.
- Creating an interactive Streamlit interface for easy visualization of key credit score factors, enhancing user accessibility and engagement by developing a user-friendly interface.

Links: [Predict_Credit_Score](#)

Games | Snake - Space Invader - T-rex | C++　　　　　　　　　　　　　　**August 2023**

- Orchestrated the development of immersive games in C++, demonstrating expertise in Object-Oriented Programming (OOP), graphical functions, Window API libraries, and data structures.
- Implemented meticulous file separation techniques to enhance code modularity and maintainability, ensuring streamlined development processes.

Link: [Snake](#) - [Space Invader](#) - [T-rex](#)

Youtube Clone | HTML\CSS　　　　　　　　　　　　　　　　　　　　　　**June 2023**

- Ensured responsive design and accurately matched YouTube's color scheme, while also employing appropriate typography and icons to create an appealing visual interface.
- Added interactive hover effects to buttons and thumbnails, showcasing clean, well-organized HTML and CSS coding for an engaging and user-friendly web design.

Linkedin Jobs Scraping | Python   **November 2023**

- Developed a Python and Selenium-powered machine learning model for LinkedIn Jobs, automating extraction of crucial details such as salary, location, and required skills.
- Implemented effective categorization of job postings based on working status (on-site, hybrid) and employment type (full-time, part-time), enhancing the depth of job market insights.
- Streamlined decision-making through a user-friendly interface, providing a comprehensive overview of the local job landscape and empowering data-driven job searches.

Link: [Scraping-Linkedin](#)

EDUCATION

Orange Coast College at Costa Mesa | Costa Mesa, CA
A.S. in Computer Science (In Progress) | GPA: 4.0/4.0
Expected Graduation Date: May 2025
Relevant Courses: Java, C++ Programming 1, Python Programming 1

EXTRACURRICULAR INVOLVEMENT

Community Outreach, 2019:
- Volunteered at a Catholic Church in VietNam, cooking and serving meals.
- Engaged with orphaned children through play and distributed gifts to enhance their well-being.

Thanksgiving Volunteer, 2023:
- Participated in a Thanksgiving event organized by VCSA (Vietnamese Community Student Association).
- Contributed by bringing gifts to homeless individuals and took part in some dance performances to uplift the festive spirit.