THAO TRINH

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EDUCATION

Drexel University – Philadelphia, PA.
Computer Science, 2020 – Present
Community College of Philadelphia – Philadelphia, PA.
Computer Science, 2017 – 2019: GPA 4.0
Relevant Coursework: ◘ Computer Science I with Java and Python ◘ Computer Science II with Java and C++
◘ Data Structures and Algorithms ◘ Introduction to Computer Organization.

SKILLS

Languages: ◘ Java ◘ JavaScript ◘ TypeScript ◘ HTML ◘ CSS ◘ C++ ◘ Python.
Tools: ◘ Visual Studio Code ◘ NetBeans ◘ Eclipse ◘ IntelliJ ◘ Android Studio.
Frameworks: ◘ Angular ◘ Spring.
Others: ◘ JDBC ◘ MySQL ◘ Git ◘ phpMyAdmin ◘ Maven.

PERSONAL PROJECTS

OverCDs   **https://overcds.herokuapp.com**
An online E-commerce store for vinyl collectors.
Technologies: TypeScript, Angular, JavaScript, HTML, CSS, Firebase, Material Angular, Bootstrap
• Delivered a fast user experience with a single-page application that avoids loading between pages.
• Enhanced user experience by engaging browsers' localStorage to memorize user's shopping cart.
• Pulled data from third-party LastFM Web API and translated into products.

Hotel Booking System   **https://github.com/jtrinh21/HotelBookingSystem**
An application is used to keep track of the customer and booking information.
Technologies: Java, JDBC, MySQL, phpMyAdmin, FreeTTS
• Verified login credentials using phpMyAdmin administration tool.
• Loaded the information of the existing customers from CSV file into the database by adopting Object-oriented design.
• Updated and deleted booking information as needed.

FACEBULOUS   **https://github.com/jtrinh21/FACEBULOUS**
An application is capable of detecting different human faces as well as identifying and verifying their faces.
Technologies: Java, phpMyAdmin, OpenCV, JFreeChart, FreeTTS.
• Secured login credentials using the phpMyAdmin administration tool.
• Collected and labelled training data (human faces) using OpenCV library.
• Implemented a real-time line chart indicates the difference between of the recognized face from the original model.

SCHOOL PROJECTS

Map The USA   **https://github.com/jtrinh21/MapTheUSA**
This software package creates a graph of cities in the United States with links between the cities, then finds the shortest path from one city to another using Dijkstra's Algorithm.