

Thang Chau Phan

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EDUCATION

Northeastern University

Fall 2022

Bachelor of Science, Information Technology

GPA: 3.73

Courses: Data Structures and Algorithms, Operating Systems, Database concepts, SQL, CS50 Introduction to Programming Assessments, Web Development

SKILLS

Languages: JavaScript/ TypeScript, Python, Java, SQL, C++

Tools: MongoDB, Postgres, REST, NodeJS, Git, Jest, Material-UI, Firebase

Frameworks: Bootstrap4, ExpressJS, Mongoose, ReactJS, Flask (interested)

EXPERIENCE

MbyM Commercial App

- Participated in developing operational system of the app by Typescript and NodeJS
- Scripted the API to send email to user about account creation and then help user to change default password by using nodemailer and mailgun
- Collaborated with Project Owner and co-worker to migrate the app from JavaScript to TypeScript, Trello.

PROJECTS

Sorting Algorithms Visualizer

January 2021 - Current

- Create a chart demonstrating an random array and sort it with live animation to practice sorting algorithms by using plain HTML, CSS, and Typescript

Car Detailing Shop ERD

April 2021

- Implementing database concepts to create schema and relationships the management of a car detailing business, final project for SQL course by using Oracle SQL 12c and database knowledge from the course

Whatsapp Clone React/TypeScript

May 2021 - Current

- Created a mock interface of Whatsapp to send internal basic messages and practice React Typescript by using React, Material-UI.
- Created a form to take user login input and authorize with Firebase Authentication

Harry - Alexa basic clone

May 2021

- Created the mock basic version of Alexa, named Harry to recognize voice, translate to find music videos on YouTube, tell current time by using pytsx3, speech_recognition, pywhatkit

Social media app

- Created UI to mock up facebook and linkedin to show posts and profile from database by using React/Typescript, Material UI
- Hosted local API to take request from the UI by using Apollo Server, GraphQL, NodeJS/Typescript, MongoDB

AWARDS & HONORS

Dean's List, 2 Semesters 2020, 2021

Phi Theta Kappa 2019