

Thang Chau Phan

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EDUCATION

Northeastern University January 2020 – Present

Bachelor of Science, Information Technology GPA: 3.73

Courses: Data Structures and Algorithms, Operating Systems, Introduction to Programming (Python),
Programming for Computer Science (C++)

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)

OS: Linux Ubuntu, Window 10

EXPERIENCE

MbyM Commercial App

- Developed script to initialize and create admin of operational system of the app by Typescript and Node
- Send email to user about account creation and the hyperlink to server to change default password by using nodemailer and mailgun
- Collaborated with Project Owner and co-worker to migrate the app from JavaScript to TypeScript, integrate branches of development by using Github, Trello.

PROJECTS

Sorting Algorithms Visualizer

- Use React and Typescript to create bar chart demonstration of an array and modify the animation by using basic HTML5 and CSS properties
- Implement learned algorithms sorting the array by implementing animations

Car Detailing Shop ERD

- Implementing database concepts to create schema and relationships for data of the Car Detailing Shop, final project for SQL course by using Oracle SQL 12c and database knowledge from the course

Whatsapp Clone React/TypeScript

- Created a mock interface of Whatsapp to send internal messages and practice React Typescript by using React, Material-UI.
- Hosted the app via Firebase to use Firebase authentication.

Harry - Alexa basic clone

- Created the mock basic version of Alexa, named Harry to learn about libraries in Python by using pyttsx3, speech_recognition, pywhatkit

COURSES

- **CS50** Computer Science Principle Assessments, Web Development

AWARDS & HONORS

Dean's List, 2 Semesters 2020, 2021

Phi Theta Kappa 2019