

## TRI LE

Texas A&M University – Corpus Christi

(361) 742 – 3800  
letranvinhtri@gmail.com

[linkedin.com/in/tri-le-62069412a](https://www.linkedin.com/in/tri-le-62069412a)  
[github.com/vinhtri97?tab=repositories](https://github.com/vinhtri97?tab=repositories)

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### Objective

I am seeking an internship position or full-time jobs in web development or mobile application to apply my technical knowledge, problem solving skills and relevant experience.

### Education

Texas A&M University - Corpus Christi | Computer Science | GPA: 3.893 (2015-present)

### Skills

Web development: HTML, REST API, CSS, Ajax, JavaScript, Bootstrap, ASP .NET, React JS, NodeJS

Mobile: Android Visual Studio, UI/UX Design, JSON.

### Experience

Math and Computer Science Tutor (2018 - now)

Center for Academy & Student Achievement | Texas A&M University - Corpus Christi

- Helping students in theory or programming assignment in any Computer Science classes.

### Project

Scan, Store and Search on Documents (Web and Image Processing Project)

- Create a single page application allowing authorized user to upload scanned documents to server, then convert these documents to editable documents. Users can search these scanned documents by using keyword
- We are using ReactJS for front-end and NodeJS for back-end.
- TF-IDF algorithm are using to generate meta-data for editable documents
- TensorFlow JS is used to for letter recognition when converting document image to document text
- MongoDB is used as database. JWT is used for authentication.

Nail Store Manager (Android Application and Image Processing Project)

- This app runs on android platform helping nail store owner manages customers, employee and stock. Customers can pick up time, employee and service. Employees can view list of customers, make payment and time tracking. In addition, credit card can be recognized by image so employee do not have to type manually. Admin manages polish stock using barcode scanner.
- Android studio and Java are used to create this application.
- Use Firebase Machine Learning kit for credit card image recognition and barcode scanner.
- SQLite database is used to store application information.

Restaurant Manager (Desktop Application)

- System helps restaurant owner manages their business.
- It is written in C# with .NET framework and uses socket library to communicate with devices in Restaurant.
- Factory design pattern and Singleton design Pattern and MVC design pattern are implemented in this system
- MySQL is used as database

Campus Restaurant Manager (Asp .Net Project)

- This app gathers all food stores in Texas A&M University Corpus Christi for students skip waiting line to order food.
- HTML, CSS, Bootstrap are using in this project to create user interface.
- To make the website dynamic, I use AJAX, JavaScript to update div (panel in ASP.Net)
- Microsoft SQL is used as database

Online Exam Simulator (Java based Application)

- Using Java Socket Library to implement client/server application. Teachers, students are client and they communicate through server.
- Using Java Swing to create graphic user interface.
- Apply design pattern such as Singleton, Observation.
- MySQL is used as database

*References are available upon request*