

Full Name: VO HOANG HIEP

AGE: 28

Profile:

- Graduated at Ho Chi Minh University of Technology and Education
- Course: Information Technology
- Major: Information System
- Graduation Thesis: Finding time series Discords based on Haar Transform
- Hobby: reading book, travelling, learning about management

■ **Skill Set**

Language: Java (3 years), HTML, Javascript, CSS (3 years), VBA (0.5 years)

Communication Language: N2

Framework & Library: Struts (3 years), Ruby on Rails (0.5 years)

AP Server: Tomcat (3 years)

■ **Experience**

1. Project: Build AR on mobile web platform and CMS system

From: July 2020 to May 2021

Description:

Provide AR web service in which user can select products and place product's 3D object on AR environment to view the product visually. This service will be able to operate on Web mobile platform.

Build a CMS to manage product's list according to each separate projects that the affiliates register to use on it.

Responsibility:

BrSE – communicate with customers and jointly discuss and decide on the plan and library to implement for the platform.

In additional, breakdown and manage the task progress of teams (Front-end team, Back-end team, QA team, Infra team, RnD team) and report to customers by week.

Complete the documents, manage scope and schedule of project.

Proposing team solutions to customers during project execution.

Together with the team to research new libraries that can support AR on the web platform.

Develop Environment: Back-end: Ruby on Rails. Front-end: 8thWall, Three.js, Aframe.js

Team size: 12 members

2. Project: Extension to bookmark URL for teams and organizations

From: October 2020 to March 2021

Description: *This extension allows teams and organizations to bookmark and share URLs together. It helps members, especially new members, to quickly find the URLs of documents and necessary tools in the working process without having to disturb colleagues and superiors.*

Responsibility:

BrSE - communicate, discuss with the customers and jointly create the specifications.

In addition, manage the task progress of team members, report to customers by day and week.

At the same time, complete the documents and check whether the project implementation process is in accordance with the company's standards.

Proposing team solutions to customers during project execution.

Develop Environment: Vue.js, Ruby on Rails

Team size: 3 members

3. Project: Application to participate in the events

From: April 2020 to July 2020

Description: This application manages events on the web, sells tickets on the iOS application. Users can buy tickets to participate in the events.

Responsibility:

BrSE – communicate with customers and create the specifications.

In additional, breakdown and manage the task progress of teams (Front-end team, Backend team, iOS team, QA team) and report to customers by week.

Complete the documents, manage scope and schedule of project.

Proposing team solutions to customers during project execution.

Develop Environment: Ruby on Rails, ReactJS, iOS, Firebase, MySQL

Team size: 15 members

4. Project: Nursing and Obstacle Welfare management system

From: August 2018 to March 2020

Description: This system provides nursing care and obstacle management services to hospitals and medical centers.

Responsibility: *Develop screens and forms (Create detailed specifications), Modify and improve management tools, libraries and common classes.*

Develop Environment: *Windows, Eclipse, MySQL database, Java, Javascript, HTML, CSS, Jasper Report*

Team size: 7 members

5. Project: Volunteer shift work management system

From: April 2018 to July 2018

Description: Provide a tool for the ward to manage the volunteer work of the elderly retirees..

Responsibility: *Create detailed specifications, develop screens and report forms.*

Develop Environment: *Windows, Visual Basic Access, Visual Basic Excel, Access Database*

Team size: 2 members

6. Project: Post office transaction management system

From: April 2017 to April 2018

Description: *Manage import and export of the post office.*

Responsibility: *Create detailed specifications, test system, fix bugs.*

Develop Environment: *Windows, Eclipse, SQL Oracle Server, Java*

Team size: 11 members

7. Graduation Thesis: Finding time series Discords based on Haar Transform

From: September 2013 to April 2015

Description:

Research on time series and detect discords in that time series based on Haar Wavelet algorithm.

Time series discords can be used in areas such as information security, finance, etc.

To implement the algorithm, it is necessary to go through the basic theoretical steps:

- Normalize time series.

- Transform data based on Haar wavelet algorithm.

- Finding time series discords.

Then, evaluate the results of the algorithm and compare it with others to find the most optimal algorithm.

Responsibility:

Research algorithm and discuss with mentor to solve difficult problems of algorithms.

Report to mentor about progress by week.

Coding demo and write thesis.

Develop Environment: *Windows, Visual Studio, SQL Oracle Server, Java*

Team size: *2 members*