

# THIEN TRI LUONG

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## EDUCATION

### University of Science, VNUHCM

*Bachelor's degree, Advanced Program in Computer Science*

- Cumulative GPA (Nov 2022): 9.00/10 (3.89/4.00)

Ho Chi Minh City

Sep 2020 – Present

### High School for the Gifted, VNUHCM

*High School Diploma, Physics Major*

- Excellent Student City Level in Physics

Ho Chi Minh City

Sep 2017 – Jun 2020

## PROJECTS

### Ledis CLI | React, JavaScript | Individual

Sep 2022

- An mini version of the famous database Redis
- Implemented logic to perform the command line commands to set and read replies from the storage
- Built a simple web-based CLI interface by React to allow users to enter the command and return data

### Pet Adoption App | JavaScript | Team of 3

Jun 2022 – Sep 2022

- Created an app for animal lovers who want to adopt abandoned pets or give away their pets
- Used react-native framework to create the UI and Firebase to manage all data
- The app is successfully deployed and ready to be uploaded to Google Play Store

### Mini Search Engine | C++, C-Make | Team of 4

May 2021 – Jul 2021

- Applied the knowledge gained from Data Structures course to develop a mini search engine
- Implemented some common features such as history, search for wildcards, keyword search
- The search engine's response time is around 0.5 second and the accuracy of the matching result is 99%, by using Trie data structure

### Football player analysis | R, SQL | Individual

July 2022 – Aug 2022

- Created an overview and visualization for the stat of football's player in the Europe's top 5 league
- Used SQL to query necessary data from a dataset on Kaggle
- Visualized the data into chart using R
- Created a model to predict how many goals a player can score in one season by using other attributes

### Ocular Diseases Detection using Deep Learning | Python | Team of 3

Sep 2021 – April 2022

- The project is a rapid and automated approach for early ocular illness detection
- The result of the project is optimistic, which the accuracy of the diagnosis can be up to 90%
- Studied and tested several CNN deep learning architectures such as InceptionV3, ResNet, and VGG for the project
- Contributed to establishing a 7-page scientific paper for the project

## TECHNICAL SKILLS

**Languages:** C/C++, Python, SQL, JavaScript

**Technologies:** React, React native, Next JS, Node JS, Express JS, Tailwind CSS, MongoDB

**Developer Tools:** Git, Linux, Github, Google CoLab, Jupiter Notebook, R-Studio, SQL Server, Docker, VS Code, Android Studio

**Libraries:** pandas, NumPy, Matplotlib, scikit-learn

## ACTIVITIES

### HCMUS Game Developer Club - University of Science

Jan 2021 – Present

*An organization for IT students who interested in game development*

Ho Chi Minh city

- Being a core member of the operation, communication, and developer team
- Contributed to organizing successfully a series of seminars for IT students, which helped them in the first step of becoming a game developer

### Design ITUS Club - University of Science

Oct 2020 – Oct 2021

*A place for IT students in HCMUS who delight in designing and photography*

Ho Chi Minh city

- Being a member of the photography team
- Contributed to organizing successfully Outr Space 5 - an annually prestigious contest in the university for IT students