



Duc Luu Van

Electronic and Telecommunications

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ACTIVITIES

HoChiMinh Communist Youth Union - School of Electronics and Telecommunications

Designer

Duration: 2017-2019

FPT Software

Intern: C++

Duration: 7/2020-8/2020

PROJECTS

Gas Detector Device with Arduino UNO

Course projects: Introduction to Engineering - **Year:** 2017

- Descriptions: Gas detector with speaker.
- Tech stack: Arduino Uno R3, MQ-2 sensor.

Education Management System Software

Course projects: Applied Software Engineering - **Year:** 2019

- Descriptions: Build an online management system for primary school to manage student, teacher, schedule, scoreboard. The software used WinForm C# with modern UI with DevExpress.
- Tech stack: Winform C#, DevExpress Framework, Azure SQL Server.

[Repository](#)

Cheat tools for Trivia: Confetti

Personal projects - **Year:** 2019

- Descriptions: Get question and make Google search, choose the best match answer in 10s.
- Tech stack: OpenCV, Pytesseract, Selenium, TelegramBot, Javascript.

[Repository](#)

NEWS Reader Device

Course projects: Microprocessors - **Year:** 2020

- Descriptions: Device connect to Wifi and GET NEWS from Thingspeak and show on screen, after cloud computer parsing NEWS from VnExpress RSS with Python and PUT to Thingspeak.
- Tech stack: ESP8266 E12, Python, Thingspeak, AWS Elastic Compute, RSS.

[Repository](#)

INFORMATION

D.O.B: 30/01/1999

Born in Thai Nguyen City

Live in Ha Noi

Hobbies: Book, Movie, Game

Favorite game: CFL, PUBG, CS:GO, Valorant,...

SKILLS

Programming languages:

Python, C/C++, C#, Arduino, Javascript

Frontend: HTML – CSS – JS, JQuery, Bootstrap, React

Backend: Node.js, Express.js, Django

Databases and cloud hosting:

SQLite, MongoDB, SQL Server, AWS, Google Cloud, MS Azure

Tools: Git, Github, VS Code, JupyterNotebook, Stack Overflow, Figma, Postman

Languages: TOEIC HUSTEC 635 (2021)

EDUCATION

THPT Chuyen Thai Nguyen

Major: Information Technology
8/2014 – 6/2017

Hanoi University of Science and Technology

Major: Electronic and Telecommunications

CPA: 2.25

8/2017 - Now

Advanced Hashing Password

Course projects: Theory of Cryptography - **Year:** 2020

- Descriptions: Method of storing passwords both on the server-side and client-side, generates secure passwords hash value by enhancing with a sizeable random salt string.
- Tech stack: Python, SQL Server, SHA512.

[Repository](#)

Implement Universal Asynchronous Receiver Transmitter

Course projects: VLSI - **Year:** 2021

- Descriptions: There is a basic UART that support optional parity bit, settable baud and data width, written in Verilog with testbenches.
- Tech stack: Verilog.

[Repository](#)

Theater Booking System

Course projects: Object Oriented Analysis and Design - **Year:** 2021

- Descriptions: Theater Booking System Project: booking (choose movie, screening room, time) and confirm booking (by hash code).
- Tech stack: Python-django, HTML, CSS, JS.

[Repository](#)

CERTIFICATE

Responsive Web Design [FreeCodeCamp]

- **Course contain:** Basic HTML and HTML5, Basic CSS, Applied Visual Design, Applied Accessibility, Responsive Web Design Principles, CSS Flexbox, CSS Grid.

[View Certificate](#)

FPT Software Campuslink C++ [FPT Software]

Excellent completion of the "FPT Software Campuslink C++" course during the internship.

Microsoft Office Specialist : Microsoft Excel 2010

Issue Date: 4/2015

Credential ID : cT6B-uGFu

[View Certificate](#)