Duc Luu Van

Electronic and Telecommunications

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ACTIVITIES

FPT Software
Intern: C++
Duration: 7/2020-8/2020

HoChiMinh Communist Youth Union - School of Electronics and Telecommunications
Designer
Duration: 2017-2019

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 prasing 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, Boostrap, 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 Tecnology
8/2014 – 6/2017

Hanoi University of Science and Technology
Major: Electronic and Telecommunications
CPA: 2.44
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 (UART)
Course projects: VLSI Design **- 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

JavaScript (Intermediate) [HackerRank]
• It covers topics like, Functions, Currying, Hoisting, Scope, Inheritance, Events and Error Handling.
View Certificate

Python (Basic) [HackerRank]
• It covers topics like Scalar Types, Operators and Control Flow, Strings, Collections and Iteration, Modularity, Objects and Types and Classes.
View Certificate

Problem Solving (Basic) [HackerRank]
• It covers basic topics of Data Structures (such as Arrays, Strings) and Algorithms (such as Sorting and Searching).
View Certificate

Creative Certification [Google Exceed LMS]
• The Creative Certification exam covers rich media creative setup using Google Web Design and Creative to build HTML5 and dynamic creatives. It also assesses the steps to preview, QA, and publish creatives to Campaign Manager, and then measure results.
View Certificate

Microsoft Office Specialist : Microsoft Excel 2010
Issue Date: 4/2015
Credential ID : cT6B-uGFu
View Certificate