# 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**

### 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**

### 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**

## INFORMATION

D.O.B: 30/01/1999
Born in Thai Nguyen City
Live in Ha Noi
Hobbies: Book, Movie, Game

## 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 Service:** 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: 2.52
*8/2017 - Now*

**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

**Top 8 - RPA Top Talent Contest [akaBot]**
● Develop RPA robots on akaBot platform with the given PDD.
**View 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**