

DO Duy Huy Hoang

0772429711 | duy.do@edu.unilim.fr | linkedin.com/in/dohoang
dohoang.me | github.com/huyhoang8398

EDUCATION

University of Limoges

MSc specialize in Information Security and Cryptography

Limoges, France

Sept. 2020 – Present

University of Science and Technology Hanoi

Bachelor of Science and Technology, Undergraduated: Good

Hanoi, Vietnam

Sept. 2016 – Sept. 2019

HONORS & AWARDS

The Science and Technology Scholarship Program for Overseas Study for Master's and Doctoral Degree Vingroup

The 20th Student Scientific Research Prize Eureka 2018

Certificat délivré par Agence pour la Protection des Programmes: Autonomous Maeght field scanner

3D Printer Assembly and Design workshop, The American center - US Embassy Hanoi

Outstanding contribution for USTH's student activities

PRESENTATION

PharoThings: Living programming IoT devices

US Embassy IoT WorkShop

May. 2019

Hanoi, Vietnam

How to build a FDM 3D printer

3D Printing Workshop - US Embassy

July. 2018

Hanoi, Vietnam

EXPERIENCE

Software Developer

USTH ICT Lab

July. 2019 – Feb. 2020

Hanoi, Vietnam

- Development of USTH interactive virtual world using Unreal Engine
- Create a 3D interactive virtual world of University of Science and Technology of Hanoi
- Final Thesis and Dissertation: 4/4

Intern & Software Developer

USTH ICT Lab & IRD Vietnam

May. 2018 – Jan. 2019

Hanoi, Vietnam

- Make a communication and control system that operates the scanner both from far distance through GSM and transfer data from short distance through Bluetooth
- Co-authored in the article Autonomous Maeght field scanner with Prof. Jean-Luc Maeght

PROJECTS

Thinkpad X1 Carbon 7th Hackintosh | *ASL*

Oct. 2021

- macOS on Thinkpad X1 Carbon 7th Generation

Steganography with CUDA | *C/C++, CUDA*

Nov. 2020

- Hiding message, file, or even image inside another message, file or image
- GPU acceleration with CUDA

CertifPlus | *Python, Bottle, Openssl*

May. 2020

- Developed a distribution process secure electronic certificate
- Request to create a certificate with their information
- The authenticity of the certificate issued electronically in the form of an image must be guaranteed
- Extract and the stamp concealed in the image by steganography and verify timestamp for verification

Captive Portal | *Python, Firewall, DNS*

Jan. 2020

- Setup a DHCP and DNS server and Configuring Firewall in a precise way to protect the local network
- Created a log-in page which require authentication commercially provided Wi-Fi

TECHNICAL SKILLS

Languages: Python, C/C++, JavaScript, Bash, HTML/CSS

Developer Tools: Git, Docker, Linux, Vim