CURRICULUM VITAE

PERSONAL DETAILS

Full Name:	Huỳnh Thanh Tuyền
Job Titles:	Software Engineer, Back-end Engineer
Date of Birth:	18 May 1995
Gender:	Male
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SUMMARY INFORMATION

For English: Good at listening, speaking, reading and writing skills.

Introduction for me:

My hobby is reading and researching for Physics and Literature. In my free time, I like reading book in peaceful space and playing game; such as, League of Legend, chess and so on. In the weekend, I usually go camping with friends and chatting with my girlfriend. My dream is to become a software engineer and travel around in the world. Sometimes, I usually visit pagoda and museum. My passion is programming and to becom e a professional developer. I'm interested in C++ programming language this is because it helps me to understand deeply about Object Oriented Programming. I like working in friendly environment where I can study from another people and sharing knowledge together.

Summary about my experience and knowledge:

- Capable of programming in many languages: C, C++, Python, C#, Javascript, learning Java and Golang. Capable of studying and working in a diverse environment.
- Successful working with multiple people. Work in high pressure environment well.
- Good time management skill and works well under project and deadline pressures. Good research ability
- Having basic knowledge for Microcontroller Unit
- Having good knowledge about Data Structure and Algorithm
- Having knowledge for OOP programming and Functional Programming, HTTPS and HTTP protocol, networking, Web server, TLS/SSL security for HTTPS. Having basic knowledge for multithreading, application on desktop

- Having knowledge and experience about Django framework, Django rest framework,

  Javascript with framework VueJS, Wagtail framework, Flask and FastAPI framework.

EDUCATION HISTORY

From: 2013 **To**: 2018	University: University of Science Major: Physic Faculty: Electronic Physic Diploma: Bachelor of Science
From: 2020 **To:** 2024	University: FPT University (FUNIX) Major: Software Engineering Diploma: Bachelor of Software Engineering

PROJECT REFERENCE AND SKILL SET AT UNIVERSITY

From: 02/2016 To: 04/2016	
Project	Measure temperature and humidity
Project Description	Design embedded system to measure temperature and humidity for smart garden and automatic watering system; and design UI to display information from hardware board
Team size	1 people
Programming Languages	C,C#
Technology, Framework	Visual studio, AVR studio
Hardware	ATMega128, AVR Architecture

From: 06/2016 To: 09/2016	
Project	Timer 8-bit
Project Description	Design Timer 8-bit and write test bench to test
Team size	3 people
Programming Languages	Verilog HDL
Technology, Tool	Model Sim
Hardware	FPGA Cyclone IV

From: 02/2016 To: 04/2016	
Project	Smart Wifi Switch
Project Description	Smart switch is applied for smart home. It is controlled through wifi protocol by smart phone or web page
Team size	1 people
Programming Languages	C,C++
Technology, Framework	Arduino IDE, Networking, HTTP protocol
Hardware	Arduino ESP8266

From: 02/2016 To: 04/2016	
Project	Monitoring And Classifying Bean of Japan
Project Description	- Design system classify bean of Japan - Processing image to classify bean of Japan - Controller motor and conveyor belt
Team size	1 people
Programming Languages	Python, C,C++
Technology, Framework	OpenCV
Hardware	Rasperry PI3, Arduino

PROJECT REFERENCE AND SKILL SET

ATTENDED PROJECTS		
From:12/209 To: 6/2020	Client	US, Nasa
	Project Description:	SOCRATES
	Position:	Backend Developer, Devops Engineer
	Responsibilities:	Back-end developer, Write unit test (Pytest) and selenium test, setup Server and System and CI/CD
	Team size	3 people
	Programming Languages:	Python, Javascript, CSS, HTML
	Technology, Framework:	Python Core, Circle CI/CD, Serverless Architecture and Serverless Framework. Using AWS resources like Lambda, API Gateway, Cognito, Textract, DynamoDB

ATTENDED PROJECTS		
From:12/209 To: 6/2020	Client	VN
	Project Description:	BSG Dashboard, Crawling Data from other resources on other websites, And cleaning and migrating data to BSG Dashboard
	Position:	Full Stack Developer
	Responsibilities:	Back-end and Front-end, Write unit test and selenium test, setup Server and System and CI/CD
	Team size	3 people
	Programming Languages:	Python, Javascript, CSS, HTML
	Technology, Framework:	Scrapy Framework, Odoo Framework, Javascript, Bootstrap4, HTML5, Nginx, Gitlab CI/CD, MongoDB

ATTENDED PROJECTS		
From:12/209 To: 6/2020	Client	VN
	Project Description:	Rigelink Dashboard
	Position:	Full Stack Developer
	Responsibilities:	Back-end and Front-end, Write unit test and selenium test, setup Server and System and CI/CD
	Team size	3 people
	Programming Languages:	Python, Javascript, CSS, HTML
	Technology, Framework:	Odoo Framework, Javascript, Bootstrap4, HTML5, Nginx, Gitlab CI/CD, Docker, Postgresql

ATTENDED PROJECTS

From: 5/2019 To: 10/2019	Client	US
	Project Description:	Flip Africa
	Position:	Full Stack Developer
	Responsibilities:	Back-end and Front-end, Write unit test and selenium test
	Team size	3 people
	Programming Languages:	Python, Javascript, css
	Technology, Framework:	Django, Django Rest Framework, Vuejs, Bootstrap4, Docker, Circle CI/CD, Postgresql

ATTENDED PROJECTS

From: 11/2018 To: 4/2019	Client	US
	Project Description:	All Stacks Web
	Position:	Full Stack Developer
	Responsibilities:	Back-end and Front-end, Write unit test and selenium test
	Team size	3 people
	Programming Languages:	Python, Javascript, css
	Technology, Framework:	Django, Django Rest Framework, Vuejs, Bootstrap4, Circle CI/CD, Docker, Postgresql

ATTENDED PROJECTS

From: 02/2018 To: 03/2018	Client:	Japan
	Project Description:	PC Tool (Application on desktop)
	Position:	Software Engineer
	Responsibilities:	- Develop application on desktop - Managing information of buildings
	Team size	8 people
	Programming Languages:	C#
	Technology, Framework:	Visual studio of Microsoft, MFC and MVC model
	Hardware:	N/A

ATTENDED PROJECTS

From: 05/2018 To: 10/2018	Client:	Japan
	Project Description:	IoT_Biz (Monitoring System)
	Position:	Software Engineer

Responsibilities:	- Collect and analyze data received from sensor and send to web server. - Implement HTTPS protocol over SSLv23/TLSv1.2 - Implement update software of gateway and certificate authority of HTTPS protocol - Simulating HTTPS server over TLS v1.2 - Parsing data for communication between sensor and web server
Team size	4 people
Programming Languages:	Python
Technology, Framework:	Linux, Networking, TLS/SSL, HTTP and HTTPS protocol, Multithreading
Hardware:	Digi Xbee Gateway

ATTENDED PROJECTS

From: 07/2017 To: 03/2018	Client:	Korea
	Project Description:	MCTM (Multiple Carrier Telematics Module) provides interface for telematics and secure high bandwidth access to vehicle or Ethernet .
	Position:	Software Engineer
	Responsibilities:	- Develop some functions of Auto Test Tool - Debug some errors in ATT client - Update documents for ATT client - Research for VIP, ATT client - API testing - Maintain tool "convert excel to html" and tool "convert excel to xml" by using Python
	Team size	8 people
	Programming Languages:	C++, C, Python
	Technology, Framework:	Qt
	Hardware:	MCTM board

INFORMATION TECHNOLOGY SKILLS

Experiences:	0: 0 month	2: 6 – 12 months	4: 2 – 5 years
	1: 1 – 6 months	3: 1 – 2 years	5: > 5 years
Last used:	Last year used		
Expert level:	1: Beginner Level	3: Sometimes have to use manuals	5: Expert Level
	2: Always have to use manuals	4: Can solve problems	

		Experiences	Last used	Expert level				
				1	2	3	4	5
Platform								
	Linux	1	2018		x			
	Embedded Linux	1	2016	x				

Programming	Experiences	Last used	1	2	3	4	5
C++	2	2017		x			
C	2	2016	x				
Python	4	2020					x
C#	1	2017	x				
Javascript	3	2020				x	

Tools	Experiences	Last used	1	2	3	4	5
Git	4	2020					x
Eclipse	1	2018			x		
Vim	1	2018		x			
Microsoft Visual Studio	2	2016		x			
Qt	1	2017		x			
Pycharm	4	202					

FOREIGN LANGUAGE

Experiences:	0: 0 month	2: 6 – 12 months	4: 2 – 5 years
	1: 1 – 6 months	3: 1 – 2 years	5: > 5 years
Last used:	Last year used		
Expert level:	1: Beginner	3: Fluent	5: Translator
	2: Conversational	4: Expert	

		Experiences	Last used	Expert level				
				1	2	3	4	5
Languages								
	English	2	2018			x		