

# CURRICULUM VITAE

## I. PERSONAL INFORMATION



**First Name - Surname:** HUYNH MINH TRI

- Gender: Male
- Place of birth: Vietnam
- Address: 245/16/3, No Trang Long, Ward 11, Binh Thanh District, Ho Chi Minh City.
- Identity number: 341686105
- Date of birth: February 23<sup>rd</sup> 1993
- Date of issuance: July 7<sup>th</sup> 2009
- Place of issuance: Dong Thap province
- Ethnic: Kinh
- Marital status: Single
- Height: 182 cm, weight: 85 kg
- Phone number: 0911919698
- Email: [hmttri1412@gmail.com](mailto:hmttri1412@gmail.com)

## II. EDUCATION & TRAINING

Time	Training place	Major	Degree	GPA
<b>September 05<sup>th</sup> 2011 – September 05<sup>th</sup> 2015</b>	<b>University of Science</b>	<b>Faculty</b>	<b>Bachelor of science</b>	<b>2.93/4.0</b>
<b>October 2015 – May 2018</b>	<b>University of Science</b>	<b>Electronic Engineering speciality of Electronic, Computer and Telecommunications</b>	<b>Master of science</b>	<b>-</b>

**Language skills:** (Indicate the certificate: TOEIC / IELTS / TOEFL etc.)

**TOEIC 590**

### III. JOB APPLICATION INFORMATION

Position	
Desired salary	

EXPERIENCE RELATED TO THE POSITION OF THE APPLICATION		
<b>Experience 1:</b>		
Time:	From April 2020	Now
Place: <i>(Name and address of company, lab, etc.)</i>	<i>Phát Thành Coffee Trading And Production Company Limited</i>	
Content of the work: <i>(Details of projects, assignments, assignments, etc. related to the position of the application.)</i>	<b><i>Phat Thanh Application - PTA:</i></b> <i>A project to digitize Phat Thanh's business.</i>	
<b>Experience 2:</b>		
Time:	From April 2020	Now
Place: <i>(Name and address of company, lab, etc.)</i>	<i>Phát Thành Coffee Trading And Production Company Limited</i>	
Content of the work: <i>(Details of projects, assignments, assignments, etc. related to the position of the application.)</i>	<b><i>Phat Thanh Management - PTM:</i></b> <i>A project to digitize Phat Thanh management.</i>	
<b>Experience 3:</b>		
Time:	From November 2019	Now
Place: <i>(Name and address of company, lab, etc.)</i>	<i>VNPT TP HCM</i>	
Content of the work: <i>(Details of projects, assignments, assignments, etc. related to the position of the application.)</i>	<b><i>Program of production and business activities - PTTB:</i></b> <i>A project to digitize the movement of VNPT production and business activities.</i>	
<b>Experience 4:</b>		
Time:	From July 2019	To October 2019
Place: <i>(Name and address of company, lab, etc.)</i>	<i>VNPT TP HCM</i>	
Content of the work: <i>(Details of projects, assignments, assignments, etc. related to the position of the application.)</i>	<b><i>VNPT 5S project – VNPT 5S:</i></b> <i>A project to digitize the movement of grading labor safety and hygiene.</i>	
<b>Experience 5:</b>		

Time:	From February 2017	To February 2018
Place: (Name and address of company, lab, etc.)	Telecommunication and Network Laboratory - University of Sciences - VNU.HCM	
Content of the work: (Details of projects, assignments, assignments, etc. related to the position of the application.)	<p><b><i>Spectrum sensing in cognitive radio for OFDM signal over Fading channel:</i></b></p> <p><i>Learn about cognitive radio networks and spectrum sensing methods.</i></p> <p><i>Using mathematical theorems, CS spectral methods and statistical theories to calculate, evaluate, and compare the probability of recognizing whether or not signals are transmitted over fading channel:</i></p> <ul style="list-style-type: none"><li>- <i>The modulation and demodulation baseband signal.</i></li><li>- <i>OFDM modulation techniques.</i></li><li>- <i>Equalizer techniques after transmitted over fading channel.</i></li><li>- <i>Use the CS spectral algorithm to conduct an observation and evaluate whether or not the signal is transmitted.</i></li></ul> <p><i>Simulates the operation of the system to evaluate and compare with the results calculated by Matlab.</i></p>	
Instructor:	Associate Professor Dr. Nguyen Huu Phuong - University of Sciences - Vietnam National University - Ho Chi Minh City.	
Experience 6:		
Time:	From September 2016	To February 2017
Place: (Name and address of company, lab, etc.)	Telecommunication and Network Laboratory - University of Sciences - VNU.HCM	
Content of the work: (Details of projects, assignments, assignments, etc. related to the position of the application.)	<p><b><i>Space-time encoding technique and antenna diversity:</i></b></p> <p><i>Study and learn about the basic types of diversity in MIMO:</i></p> <ul style="list-style-type: none"><li>- <i>Diversity of transmit antennas.</i></li><li>- <i>Diversity of receiving antennas.</i></li><li>- <i>Types of space-time coding.</i></li></ul>	

	<i>Perform programming and simulation on Matlab.</i>
Instructor:	<i>Associate Professor Dr. Pham Hong Lien - University of Technology - VNU - Ho Chi Minh City.</i>
<b>Experience 7:</b>	
Time:	From September 2016 To December 2016
Place: <i>(Name and address of company, lab, etc.)</i>	<i>Telecommunication and Network Laboratory - University of Sciences - VNU.HCM</i>
Content of the work: <i>(Details of projects, assignments, assignments, etc. related to the position of the application.)</i>	<p><b><i>Speech recognition:</i></b></p> <p><i>Implemented input speech signal processing through analysis algorithms to extract the features of signal:</i></p> <ul style="list-style-type: none"> <li>- <i>PCM.</i></li> <li>- <i>Voice spectral.</i></li> <li>- <i>Voice intensity.</i></li> </ul> <p><i>Performs signal processing to recognize speech from features that were extracted by Hidden Markov method and simulated on Matlab.</i></p>
Instructor:	<i>Associate Professor Dr. Dinh Dien - University of Sciences - Vietnam National University - Ho Chi Minh City.</i>
<b>IV. SKILLS:</b>	
Hard Skills: <i>(Skills learned related to job application)</i>	<p><b><i>Programming language:</i></b></p> <ul style="list-style-type: none"> <li>- <i>Experienced in Reactjs, React Native, Angularjs, Golang, Asp.net</i></li> <li>- <i>Database: SQL server, Oracle</i></li> <li>- <i>Have knowledge to use Github, Docker</i></li> </ul> <p><b><i>Digital signal processing and wavelet signal processing:</i></b></p> <ul style="list-style-type: none"> <li>- <i>Signal processing in time and frequency domain.</i></li> <li>- <i>Using Fourier transform to convert signal between time domain and frequency domain.</i></li> <li>- <i>Time-frequency analysis by STFT, Wavelet functions.</i></li> </ul>

	<p><b><i>Skills using signal processing techniques in telecommunications:</i></b></p> <ul style="list-style-type: none"> <li>- <i>Modulation and demodulation of the baseband signal: PSK, QAM.</i></li> <li>- <i>Error control coding: linear block codes, convolution codes, cyclic codes</i></li> <li>- <i>Equalizer: estimation and interpolation transmission channel.</i></li> </ul> <p><b><i>Skills in computation, simulation, evaluation of the quality of systems through different types of channels in practice:</i></b></p> <ul style="list-style-type: none"> <li>- <i>OFDM.</i></li> <li>- <i>MIMO.</i></li> <li>- <i>Channel: Gauss, Rayleigh, Rician.</i></li> </ul> <p><b><i>Matlab programming and simulation skills:</i></b></p> <ul style="list-style-type: none"> <li>- <i>Analyze problems, systems and techniques in telecommunications to provide appropriate solutions to set up simulations.</i></li> <li>- <i>Use the tools already available in Matlab to apply to simulation problems.</i></li> <li>- <i>Optimize available and custom functions according to problem requirements.</i></li> <li>- <i>Creates new functions for simulation.</i></li> </ul>
Soft skills:	<ul style="list-style-type: none"> <li>- <i>Ability to self-study and work independently, teamwork.</i></li> <li>- <i>Able to under high working pressure and finish work on time.</i></li> <li>- <i>Able to contact by English.</i></li> <li>- <i>Good writing and presentation skills.</i></li> <li>- <i>Flexible in new working environment.</i></li> <li>- <i>Excellent in using office computer skills (word, excel, power point, visio, pdf).</i></li> </ul>

## **V. FAMILY INFORMATION**

- **Father: Huynh Thanh Tuan - Born: 1962 - Occupation: Teacher of Cao Lanh high school.**
- **Mother: Tran Thi Bich Van - Born: 1966 - Occupation: Teacher of Cao Lanh high school.**
- **Brother: Huynh Minh Trung – Born: 1996 - Occupation: Student of University of Science.**