Tuyen Nguyen Gia

Curriculum Vitae

Personal Information

Date of Birth	Sep, 29th, 1994
Gender	Male
Nationality	Viet Nam
Address	Ngai Cau hamlet, An Khanh village, Hoai Duc district, Ha Noi city
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Education

2012–present	**Hanoi University of Science and Technology (HUST)**, *Dip. Eng. of Information and Communication Technology, Department of Communication and Computer Networks*, *School of Information and Communication Technology (SoICT)*.
2009–2012	**Hoai Duc B High School**, *A1 class*, *Student*.

Skills & Abilities

Programming Languages	C, JAVA, JAVASCRIPT, TYPESCRIPT
Framework	PLAYFRAMEWORK, ANGULAR

Projects

Dec 2014 – June 2016	**Bigdata Storage and Analytics**, WEB-BASED DEVELOPMENT. During this time, I was concentrated at Bigdata and Distributed System: Hadoop Distributed System and Database (NoSQL. e.g: Cassandra, Mongodb). In addition, I was also working on Apache Spark, data processing with Spark, Elasticsearch engine using DLS query based on Linux.
Dec 2015 – Arp 2016	**Website Development itbee.vn**, TEAM LEADER. I am the leader of group that build this website. Itbee.vn is a website that offers different tools for presenting different jobs to friends and colleagues. This website also helps candidates to build their professional CVs and helps company to find good candidates for their jobs.
July 2016 – Present	**Wireless Sensor Networks and Internet of Things at Networking and Communication Laboratory (NCT), SoICT**, THESIS ENGINEERING. Within framework of this project, I am working on deployment of WSN connected with IoT. I have deployed a testbed that consists of 10 Z1 motes with Contiki Operating System based on 6LoWPAN protocol stack. This WSN is connected to an OM2M server (an IoT platform) over a Linux Gateway using UDP datagram socket. I am also building MQTT protocol in order to connect this gateway to the OM2M server and Hadoop database for OM2M in our testbed.

Researchs

July 2016 – Present	**Student**, SoICT, HUST, Vietnam. Wireless Sensors Network, Internet of Things, Multichannel for RPL routing protocol, Multi-instances for multi-applications, Providing QoS levels for Multi-instances RPL based on Object Function and Multichannel characteristics.
March 2016 – June 2016	**Submitted Paper**, Multi-channel communication protocol for Internet of Things and Performance Evaluation for Greenhouse Model, HUST, Vietnam.

Coursework

- Programming C, Java
- Linux Operation
- Bigdata
- Hight perform computing center Laboratory (HPCC)

- Web developer
- Adminstration
- Internet of things
- Networking Communication and Technology Laboratory (NCT)

Languages

Vietnamese	Native Speaker
English	Basic

Interests

- Music
- Chatting
- New Technologies and new tools