VU TIEN LUC

IOT ENGINEER - SOFTWARE DEVELOPER

📅 Nov 27, 1991
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📍 TP HCM, Vietnam

👤 Male
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ℹ [protected data]

OBJECTIVE

To do what i love and be better at it.

EDUCATION

MAJOR: SOFTWARE ENGINEER
Oct 2013 - Dec 2017

POSTS AND TELECOMMUNICATIONS INSTITUTE OF TECHNOLOGY
GPA: 3.0/4

WORK EXPERIENCE

ALGORITHMS
June 2009 - Present

UNIVERSITY OF ENGINEERING AND TECHNOLOGY(UET) AND BY MY SELF
- Good in in data structures
- Good in some basics algorithms such as sorting, trees, graphs, hashtable, dynamic programming ...
- Attended ACM/ICPC Asia Regional Contest 2010

NETWORKING
June 2014 - Present

PTIT HCM
- Experienced in how does the low level internet work
- Done many projects related to networking such as Torrenting, Multiplayer game, MQTT server, FPT server follows RFC....

OBJECT-ORIENTED
June 2015 - Present

PTIT HCM
- Experienced Java, C#, VB.NET
- Experienced in object-oriented.

C/C++
June 2009 - Present

RENESAS, BAN VIEN, UET, SELF
- Fault Injection for virtual hardware
- Library System Management
- Many small projects ...

SQL
June 2016 - Present

MXV, PASONA TECH, SELF
- Database design
- SQL queries
- Good at optimising SQL queries
- Good at database structure 1NF, 2NF, 3NF

NO SQL
Aug 2017 - Present

PTIT HCM , SELF
Experienced in MongoDB database for IOT projects

SOFTWARE DEVELOPER
Nov 2015 - 2016

PASONA TECH
- Optimising their SQL procedures and queries

- Debugging and fixing their accounting software
- Testing their products
- UML

SOFTWARE DEVELOPER
May 2017 - Dec 2017

MERCHANDISE EXCHANGE OF VIETNAM(MXV)
- Future products market software
- Auto trading, balancing buy/sell
- FIX Stock trading and Bank trading protocol)
- Database developing and optimising

IOT PROGRAMMING
Nov 2017 - Present

PTIT HCM
- My thesis is an IOT project (an automatic parking system) developed from scratch (Embedded, MQTT broker, MQTT pub/sub client, management software)(Highest score in sub-committee - A+)
- Automated Mushroom House with IOT system (Server, Database, Embedded, Management System ...)

EMBEDDED ENGINER
Jan 2018 - Present

RENESAS
- Fault Injection to testing Hardware on Renesas RH850
- Safety Application Notes(SAN)
- Familar with big company reporting rules.
- Life cycle of system development
- Self investigation, Reporting, UML, Funtional Design
- Tool program for Faul Injection, SAN
- Unit Test for Fault Injection, SAN
- Python, C

SKILLS

Teamwork

Logical thinking and creative

Reading

Communication

ADDITIONAL INFORMATION

- Creative thinking
- Very good at solving problems and heavy thinking...
- Can handle high pressure
- Know a little bit of Spanish
- A nature lover,
- Enjoy doing charity

CERTIFICATIONS

ACM ICPC - Programming Contest
2010

TOEIC 790 IIG
2018

INTERESTS

Watching movies   Listening to Music

playing guitar   go fishing in the wild