





NGUYEN TIEN SU


Software Development Engineer


 21/03/1989

 Male

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 <https://blogchiasekienthuc.wordpress.com/>

OBJECTIVE

I intend to establish myself as Software Engineer / Architect with an integrated business solution provider through a long time commitment, contributing to the company's growth and in turn ensuring personal growth with in the organization. I believe that my technical, functional and communication skills will enable me in facing the challenging career ahead.

SKILLS

C/C++

Network Stack TCP/IP

Linux System Programming

Android

Java



EDUCATION

HANOI UNIVERSITY OF SCIENCE AND TECHNOLOGY

JUL 2007 - JUL 2012

Electronic and Telecommunication engineer



EXPERIENCE

SOFTFRONT VIETNAM COMPANY, 6 FLOOR, 195 BUILDING, KHAM THIEN, HA NOI

FEB 2016 - PRESENT

R&D Engineer - Senior C/C++ Developer

- Project: Video streaming over internet environment
- Responsibility: Research algorithm estimate bandwidth(GCC - Google Congestion Control, SCReAM - Self-Clocked Rate Adaptation for Multimedia), RTP/RTCP protocols, design architecture and implement to improve the quality of video streaming over internet environment.
- Language: C++
- Operation System: Windows 8.1

VIETTEL EQUIPMENT ACCESS BROADBAND NETWORK RESEARCH CENTER,15 FLOOR, VIETTEL HOALAC BUILDING, THACH THAT, HA NOI

APR 2015 - FEB 2016

Software Development Engineer

- Project: Research and develop eNodeB equipment for 4G LTE Viettel Telecom Network
- Responsibility:
 - + Research, design architecture and implement protocols of layer 3: RRC Connection Setup, RRC Connection Release, RRC Connection Reestablish, AS/NAS Security
 - + Write Software Requirements & Specification, Software Detail Design and Test Cases for protocol team and QA team.
- Platform: Viettel network software platform and Aricent software platform.
- Language: C/C++
- Operation System: Linux-embedded

VIETTEL SMART EQUIPMENT RESEARCH CENTER,15 FLOOR, VIETTEL HOALAC BUILDING, THACH THAT, HA NOI

AUG 2014 - MAR 2015

Software Development Engineer

- Project: Research and develop ONT(Optical NetworkTermination) equipment for Viettel optical network
- Responsibility: Research and implement protocols: DHCP server, DHCP client, NAT, DMZ, Port Forwarding and integrate module HTTP Server (using micro httpd open source) to OAM system...
- Platform: CMS software platform of Broadcom.
- Working model: Scrum
- Language: C/C++
- Operation System: Linux-embedded

VIETTEL RESEARCH AND DEVELOPMENT INSTITUTE, 380 LAC LONG QUAN, HA NOI

AUG 2012 - JUL 2014

Software Development Engineer

.NET

Networking/ Telecommunication

Database: SQLite, SQL server, MySql

Tools: SVN, Git, Jira, Redmine

Linux Command

Team-work

English

INTERESTS

- Learn new technologies
- Reading book and blog of technology
- Writing blog about technology
- Listening Music
- Football/Badminton
- Travelling

- Project: Research and develop SiteRouter equipment for Viettel network

- Responsibility:

+ Research and implement IP network protocols (DHCP, PPPoE/PPPoE+, Layer 3 protocols...) according to IEEE's, IETF's, and ITU's standards

+ Write Software Requirements & Specification, Software Detail Design and Test Cases for protocol team and QA team.

- Platform: ZebOS network platform of IP Infusion.

- Language: C/C++

- Operation System: Linux-embedded

WIRELESS COMMUNICATION LAB,413-C9, HANOI

JUN 2010 - JAN 2012

UNIVERSITY OF SCIENCE AND TECHNOLOGY

Teamleader

- Project: Collection and Warning System Water's level of the River Automation.

- Responsibility: Manage a group with 5 members, implement web server to receive and process data from clients via TCP/IP socket, report a result to project manager.

- Language: PHP, C# 3.5, MySQL, SQL Server

- Operation System: Windows 7

SELF LEARNING/START UP

AUG 2014 - PRESENT

Software Development Engineer

1. Android(Strong)

2. .NET MVC

3. IOT(Arduino, Raspberry)



CERTIFICATIONS AND AWARDS

Student scientifically researches first prizes in Hanoi University of Science and Technology

MAY 22, 2012

Commendation for staff who have excellent achievements in 2014 in Viettel Research & Development Institute

JAN 31, 2015

Commendation for staff who have good achievements in 2015 in Viettel Equipment Access Broadband Network Research Center

NOV 31, 2015

TOEIC 700 by IIG VietNam (Expired)

MAR 2015