

# Nham Xuan Tung

Junior Engineer

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## SUMMARY

I'm an engineer with 2 years of experience in Semiconductor Industry, with mindset is to gain knowledge and develop skillset day by day, to become a good engineer to bring a lot value for company and customer. Learn new technologies is what I am passionate about.

Seeking for a position in an environment of growth and excellence, healthy competition and promotion opportunities to contribute my knowledge, qualifications and experience into profitability and growth of the company. Besides, I hope I will become an active member of a dynamic team.

## EDUCATION

**Ho Chi Minh City University of Science**

From 09/2007 to 09/2011

- Studying Maths and Computer Science
- Degree grade: Good – GPA 7.2.

## TECHNICAL SKILLS

- **Programming Languages:**
  - C/C++, SystemC, Verilog
- **Scripting Languages:**
  - C-shell, Perl, Python
- **Version Control:**
  - Git, SVN
- **Others:**
  - Redmine usage
  - Document making (MS Office)
  - Basic Photoshop skill. Can do simple design: banner, poster,...
- **Foreign Language:**
  - English
- **Soft skills:**
  - Time management
  - Business communication
  - Teamwork

## PROFESSIONAL EXPERIENCE

**Renesas Design Vietnam**

03/2017 – present

**Position: Junior Engineer**

**Department: Front End Design 2**

**Group: IP Design 3**

**Team: System Level Design and High Level Design.**

I had joined and experienced in some projects of SystemC Modeling:

- **E2x-FCC2/ECM (Error Control Module)**
  - Make checklist
  - Functionnal debug.
- **New Unit Test Environment**
  - Run regression test for all models
  - Make INR (Verification Report).
- **U2A-ECM (Error Control Module)/ U2A-OTS (On-chip Temperature Sensor)**

- Make checklist
- Functional debug (Pointed out 24 bugs in ECM and 1 bug in OTS)

Besides, I had experienced in evaluation of some famous EDA tools and in-house tools which work with RTL & SystemC and improve productivity.

- **Cadence Stratus (Many versions from v17.20-beta to v18.20-p100)**  
(This tool is used to generate RTL from Synthesizable SystemC code)
  - Evaluate and report based on intrinsic environment.
- **SSGen (The Synthesizable SystemC Code Generator)**  
(Renasas in-house tool that allows to generate module template code, hierarchical module template code, test bench template code, and tool scripts simply by defining hardware interface, internal information,...)
  - Make checklist and verify for some enhancement phases.
- **Mentor Graphics SLEC (Check equivalence of RTL and SystemC).**
  - Evaluate and report based on intrinsic environment.
- **Synopsys VCS FGP (Fine-Grained Parallelism).**
  - Evaluate and report based on check list.
  - Write User Guide.
- **Synopsys ZOIX & Cadence XFS (Fault Simulator)**
  - Compare the result of fault simulation between RTL & gate-level for sample data.

**Angel Beauty Care Co.,Ltd**

12/2013 - 02/2017

**Position: IT Specialist and Graphic Designer**

**Responsibilities:**

- Provide technical and troubleshoot assistance related to service desk operation, IT hotline, computer hardware and software.
- Manage server, applications and all internal softwares used by the company.
- Responsibility for security of systems including establishment and monitoring of security policies.
- Implement data backup and recovery.
- Website administration and maintenance.
- Design poster, banner and website images in accordance with company's plans.
- Video editing.

**SVHouse Co.,Ltd**

03/2012 - 11/2013

**Position: IT Support & Technical Consultant**

**Responsibilities:**

- Manage and troubleshoot clients and server systems
- Diagnose local server, local network communication and equipment issues.
- Install, operate and test operating systems, software programs and related peripheral devices.
- Support customer based on assignment.
- Support customer about products of computer devices and sound equipments.

## SELF-PORTRAIT

- Characteristics: Carefully, hard-working and friendly.
- Able to work in team as well as individually.
- Able to learn new knowledge, technology quickly.
- Taking full responsibility for self-actions.