NGUYEN HUU ANH

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**Brief introduction** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Hi! I’m a software engineer.

I have 5 years of working in semiconductor industry (Wire Bonder machine) field as software designer, software developer, technical writer. Thanks to that, I became an engineer with hands-on experience in C/C++, MFC programming, problem solving, project planning skills. Understanding software development life cycle from specification reviews through to client acceptance.

I’m looking for C/C++ software engineer job. Willing to relocate.

**Work experience** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Shinkawa Vietnam Co., Ltd**

C++ Software Engineer – DESIGN TEAM*Nov. 2016 to Mar. 2018*

I joined Shinkawa Vietnam after I graduated from university. Worked in a design team, the main job is modifying the UI/UX, fix bugs, making test case and testing for Wire Bonder machine (UTC-3000, UTC5000) from customer’s feedback. I have implemented some minor feature, one of which is an access right improvement that helps prevent to Operator from making setup changes that could lead to unexpected machine behavior.

The software run on Windows XP/7. We used Visual Studio 6.0, Visual Studio 2012, C, C++ language and MFC framework to develop. The source code is managed by Visual Sourcesafe and IBM Lotus Note.

C++ Software Engineer – R&D TEAM *Mar. 2018 to Oct. 2020*

As an engineer, I was responsible for requirement analysis, specification design (function and detail specification), building front-end for new Wire Bonder software running on Windows 10 IOT platform.

Besides, I continue to implement a SIMLOOP as standard function, reduced working time with Automated loop shape optimization and Loop shape editor. Approx. 7% UPH improvement.

We used Windows 10 IOT, Visual Studio 2017, C/C++ language, MFC framework to develop. The source code is managed by Azure DevOps Server (TFS) and IBM Lotus Note.

SBB Team and be training in Tokyo, Japan.  *Oct. 2019 to Dev. 2019*

I joined SBB team as front-end developer along with two other engineers. We trained about specification of Wafer Bump Bonder machine for 2 months at headquarters in Tokyo, Japan. After that, I have

CAD Data Making Tool

CDMT acts as an AutoCAD 2D 2014, 2015 plug-in, allowing the location of wires on the 2D chip design to be exported to \*.WCD file and then imported into the Wire Bonder machine to perform bonding.

I was responsible for the development and maintenance of this tool after the previous member quit. I’ve made improvements to make sure it can work well on AutoCad 2D from 2014 to 2020 on both windows 7/10.

CDMT developed by HTML, VB.NET, ObjectARX & AutoLisp languages.

Side project

I have made a personal web server by using a raspberry pi 3b+ single-board computer. The purpose is to help me saving and sharing data

**Education** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**HCMC INDUSTRY AND TRADE COLLEGE** – Bachelor Degree *Nov. 2012 – Mar. 2016*

**Specialty** – Information Technology.

Strong knowledge about C, C++, OOP programming and MFC Framework.

Acknowledge about SECS/GEM, TCP/IP protocol, SEMI G84 (Specification for Strip Map Protocol).

Self-learning Python programming, PyQT5 and Flask Framework.

Self-learning embedded systems programming. Using STM32F4DISCOVERY microcontroller with the Arm® Cortex®-M4 32-bit core to develop and debug. Basic knowledge of FreeRTOS and methodology such as task, memory management, synchronization and Task Communication Recommendations.

Familiarity with software development tools such as Visual Studio, STM32CubeMX, Team Foundation Server (TFS), GitHub, Visual SourceSafe, IBM Lotus Notes, makefile.

Ability to writing and reading English documents.