NGUYEN HUU ANH
C++ Software Engineer

Phone: +84 941 980 911
DOB: September 30, 1993
Email: huuanhhng@gmail.com
Address: District 9, Ho Chi Minh City

/* WORK EXPERIENCE */

Shinkawa Ltd., JAPAN
www.shinkawa.com
Sep. 2019 – Nov. 2019

C++ Software Engineer (R&D Department)
- Trained in about Wafer Bump Bonders SBB (operations and UI source code).
- Develop software components for Upgrade UTC run on Windows 10 IOT platform.

Shinkawa Vietnam Ltd., HCMC
www.shinkawa.com
Nov. 2015 – Oct. 2020

C++ Software Engineer (R&D Department)
- Design and implement new function.
- Research to provide solution and estimation based on customer's requirement.
- Supplementary document for software design, user manual.

/ * PROJECTS */

Wire Bonders (UTC)

Customer	- Samsung, Hynix SK, UTAC, Orsam, ect.
Description	- UTC software handles wire bonding process. - Many UTC machines are controlled by central host via S-Brain and S-Link network.
My responsibilities (features highlight)	- Strip-mapping function of 2D codes using SEMI G84-0303 specification. - SimLoop function with automated loop shape optimization. - Automatic Bond Level Acquisition function eliminates bond levels setup time after Capillary change.
Technologies used	- C++, MFC framework, SECS, SQL, Visual Studio 2012, internal HOST emulator. - IBM Lotus Note and Visual SourceSafe for source control.

Bump Bonders (SBB)

Description	- UTC software handles bump bonding process (based on UTC software).
My responsibilities (features highlight)	- Develop function to enable the Operator to run production with Wafers whose 2D codes have been read with a handheld barcode reader.

CAD Data Making Tool (for UTC)

Description	- Running on AutoCAD. Allowing the bond coordinate data importable to UTC from CAD drawing.
My responsibilities (features highlight)	- Integration tool for AutoCAD from 2016 to 2020 on both Windows 7/10 64-bit (previously only support AutoCAD 2015 and earlier).
Technologies used	- HTML, VB.NET, ArxObject, AutoLisp.

Personal Web Server

Description	- The purpose is to store, selectively share and publish personal data information. - Link: *http://nha.sytes.net*
Technologies used	- Raspberry pi 3b+, PHP7, HTML, No-IP Dynamic DNS.

/* SKILLS */

Technical	- Experience in C++ Object-Oriented Programing, C/C++, MFC Framework. - Basic knowledge in Python, PyQt5 design (self-study).
Develop tool	- Experience in compilation, testing and debugging the code using Visual Studio. - Familiarly with IBM Lotus Note, Visual SourceSafe, TFS for source control. - Can use other tools for develop such Visual code, Qt Creator, Git, make file.
Soft skills	- Good ability in teamwork. - Good knowledge problem solving and root cause analysis skills. - Ability to self-study new technical.
Language	- Ability to read and write English technical document.

/* EDUCATION */

HCMC INDUSTRY AND TRADE COLLEGE, Sep.2011 – Jul.2014
Bachelor of Information Technology.

/* INTERESTS */

DIY programing, playing guitar and football.