**NGUYEN HUU ANH**

C++ Software Engineer

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**/\* 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*](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). |
| Developtool | * 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. |
| Softskills | * 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.