

# Hoang Duy Tran

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## Profile

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A reliable, well organized and focused software developer with a comprehension insight in debugging techniques and a sound judgment. Has achieved success and excelled in the highly competitive and technical field of IT and is currently working towards a stable career within this market. Has excellent customer service skills with a calm, methodical approach and enjoys meeting and helping people of all ages and races. Always paid great attention to detail with ability to effectively prioritize work loads. With mixed experiences, he is now looking for new challenges where he can utilize this broad skill set to contribute to the success of a business. He's keen to learn new skills and undertake any further training necessary to enhance career prospects.

## Key skills

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- Discreet, loyal and competent in software development.
- Sound knowledge in C, Java, HTML, CSS, XML, and some Web development technologies.
- Good basic knowledge of several operating systems including Windows, Linux, Unix.
- Knowledge of relational database systems and connectivity: MS-SQL, MySQL.
- Able to do touch typing with 40wpm.
- Multi-lingual – Vietnamese, English (Written and Spoken) also able to handle basic Cantonese conversations.
- Able to analyse, evaluate and gather information with good interpersonal and communication skills
- Excellent organizational skills with a good eye for detail
- Knowledge of health and safety procedures in the workplace
- Performs well under pressure, responds positively to situations and works in a neat and tidy manner
- Artistic in nature, good at painting, drawing and using graphic edition packages.

## Java, C, C#, Web-application experience:

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- Acquired C knowledge during BSc education and worked in C for 8 years
- Familiar with Shell script, Batch processing on Windows and Unix/Linux.
- Acquired Java, C#, XML, HTML, JavaScript, Web-development techonologies and Web-services during 4 years MSc part-time course. Developed following applications:
  - o Developed colour theory that simplify the selection of colours in web-page development. The theory has been copied and implemented on commercial web-pages.
  - o A networking banking application using Java's CORBA
  - o A fully functional P2P application in Java that allows connections, transmissions of files between local area networked machines.
  - o A fully functional Web-based banking application using Java, JSP, filters, HTML, JavaScript, MySQL – applying Java Pattern Model View Control (MVC). Used JBOSS for database encapsulation and as a middleware management environment for the application.
  - o A fully functional "Four in a row" game using C#.
  - o A fully functional database-to-mobile device application using MS-SQL's merge in C#.
  - o A fully functional DVD subtitle manager application using Java and Java Sound, Java Help API in the final year project.
  - o Joined Open Source Java Project (Jubler) to co-develop a DVD subtitle managing application.

**Employment History**

<b>Stock-Taker</b>	<b>RGIS</b>	<b>11/2021-Present</b>
<b>Duties:</b> Counting stock level for shops and warehouses, using manual methods or scanners.		
<b>Stock-Taker</b>	<b>Orridge &amp; Co Ltd</b>	<b>08/2017-04/2021</b>
<b>Duties:</b> Counting stock level for shops and warehouses, using manual methods or scanners.		
<b>Software Developer Junior Engineer</b>	<b>Cubic Range Design Solutions</b>	<b>05/2013-04/2014</b>
<b>Duties:</b> Worked as a contractor, developed extra software components required by customers, using C#/XAML, building computer racks for customer, installing hardware/software components, testing and packaging for deliveries. Assisting in the UI translations, correcting CSS layout to maintain UI standards, also maintained quality of software documentations Bug fixings and developing marketing materials using Sketchup/Blender 3D softwares.		
<b>Java Developer</b>	<b>Open Source Project Jubler</b>	<b>11/2008 – 2013</b>
<b>Duties:</b> Writing components for the Jubler subtitle editor in Java, on Windows and Linux with Subversion and then Mercurial source version control. Contribution area covers mainly the development branch, introducing features allowing the software open, import binary subtitle formats including SON (image based), SUP (compressed image-based using variable-length-encoding (VLE)), TMPGenc Subtiles – with the introduction of SWT (SON with text, allowing both subtitle image file-names storing along the equivalent subtitle text), performing OCR on image based subtitles – using external open source OCR software Tesseract – which converts images into editable text, allowing them to be translated to different languages, using web-based translation tools, such as Google translation – using Google API. Also introduce functions to correct duplications in live subtitled programs. The software is intended for personal use in DVD authoring needs and thus its usability and accuracy are of vital importance besides its robustness. Features developed on development branch are being transferred to the mainline for release to the public.		
<b>Vietnamese Translator</b>	<b>Advanced Interactive System</b>	<b>02/2011-04/2011</b>
<b>Duties:</b> Worked as a contractor, translated company Java Web-based software interface into Vietnamese. Corrected layouts in JS or CSS where possible. Also translated help files, provided audio interpretations and dubbing on tutorial video clips, rendering them to MPEG compliant media.		
<b>Software Interface Pastoral Assistant:</b>	<b>Vietnamese/Chinese Christian Fellowship</b>	<b>08/2010 - 08/2011</b>
<b>Duties:</b> Assisted pastor of Deptford Chinese and Vietnamese church with translations in church meetings, visiting and providing practical assistances to Chinese and Vietnamese living in the South-East London.		
<b>Visiting Minister:</b>	<b>Immigration Removal Centre (IRC)</b>	<b>08/2010 – 09/2010</b>
<b>Duties:</b>		

Acted as a representative of the Vietnamese Chinese Christian Fellowship in Deptford to visit Vietnamese illegal immigration detainees at the Immigration Removal Centre (IRC) in Harmondsworth, near Heathrow Airport. Assisting them with practical and spiritual needs, preaching gospel and teaching basic English to detainees.

**Study:**

**University Of Westminster**

**06/2004 – 11/2008**

Completed studying MSc Advanced Software Engineering. Modules taken includes: E-application development, Open Distributed Programming, Internet and Web fundamentals, Web Services, Compact Framework Development with C# and .NET, Security, Distributed Processing Systems, Software Engineering Project.

**Software engineer:** **Tertio Telecoms Ltd, London EC1V 1PL** **03/2000 – 01/2003**

**Duties:**

Worked in Project Engineering Group and carrying out all project related activities, including covering the entire software development life-cycles and phases, providing technical advice to others, inside and outside the group, researching 3<sup>rd</sup> party products and contributing to product requirements analysis and turning requirements into product specification. Also involved in estimating and schedule detail work schedules, developing detailed design and resolving design issues, providing unit and integration, system tests, from component up to integration levels, which includes investigating and fixing software problems, logical and physical.

All lower level routines and libraries of the software were written in C. The higher level of codes were written in TCL, an interpreter language. Most of the code were rewritten later in C++.

**Software Developer 3:** **Tetra Ltd, Maidenhead, Berkshire SL6 4UB** **01/1997 – 02/2000**

**Duties:**

Worked in distribution and manufacturing department to maintain current released product, analysing issues, finding, design and implement fixes, unit testing and releasing fixes to support channel. Discuss and prioritise work schedules with production manager, plus raising ideas for process improvement. Also design and develop new functionalities. Worked with controlled guidelines - TickIT(ISO9001) accredited Quality Management System. The work expanded across several operating systems, including MS Windows, Unix (HP-UX, Sun Solaris, SCO open server, IBM RS6000, IBM AIX and Dec Alpha.

The entire software CS3 was written in C, and with many platforms involved, variations of Operating Systems must be taken into account when a line of code is issued. The development initially was on Unix but later was moved to Windows, using the combination of MS Visual C and Cywin compiler, plus development routines. Just before I left the company, Java was introduced into the software development.

**Analyst Programmer:** **Integral Business System – Putney SW15 2TN** **08/1995 – 01/1997**

**Duties:**

Maintaining and developing company's software product on DOS and Unix operating system with integration of DBIII database, plus providing data conversion, technical backup and training as necessary, including customer supports. The entire software was written in Unix, but needed to convert to DOS, and compiled in Watcom's DOS extender compiler. Many low level routines needed to be rewritten, making use of DOS's interrupts, and general routine calls that was not available on DOS also was re-engineered.

**Part-time interpreter:** **Woolwich Hospital, London SE18,** **05/1993 – 08/1995**

**Duties:**

Interpreting for in/out patients and social services in Vietnamese, English and Cantonese.

**Data Analyst/Admin support:** **CrossRail Project, London Underground W2 6LG** **10/1992 – 02/1993**

**Duties:**

Co-ordinated with planning manager in business administration, establishing and maintain departmental filing system, produce planning reports and maintained Q/A procedure, also performing general administration/secretary duties.

**Campaids / Interpreter:** **UNHCR (United Nations High Commissioner for Refugee) HK,**  
**02/1986 – 10/1987**

**Duties:**

Managing refugee filing system, updating data and carrying out general office duties. Helping case workers translating and Interpreting for consultations with refugees in Vietnamese, English and Cantonese (spoken).

## **Qualifications/ Educations/ Trainings**

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**University Of Westminster, London W2W 6UW** **09/2004 – 11/2008**

- Obtained MSc in Advanced Software Engineering (Distinction).
- Modules taken includes: E-application development, Open Distributed Programming, Internet and Web fundamentals, Web Services, Compact Framework Development with C# and .NET, Security, Distributed Processing Systems, Software Engineering Project.

**University Of Westminster, London W2W 6UW** **09/1989 – 06/1992**

- Obtained BSc (Hons) in Computing and Software Engineering (2ii).

- Modules taken includes: Functional Programming, Data Abstractions, Programming Methodology, Formal Methods, Operating Systems, Modular-2, Pascal, Database Management Systems, Compiling Techniques.

**Personal Interest**

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Painting & drawing, poetry, classical music, movies and DVD editing.

**References:** Provide on request