**Thien H Nguyen**

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**Education**

**Florida Institute of Technology, Melbourne, FL** Dec 2018

Master of Science in Computer Science

**Ho Chi Minh City Open University, Ho Chi Minh, Vietnam** Nov 2014

Bachelor of Science in Computer Science

**Ho Chi Minh University of Natural Sciences, Ho Chi Minh, Vietnam** Dec 2011

Bachelor of Information Technology

**Skills**

C++, C#, SQL, Database, HTML, Java, JavaScript, Testing, Debugging, MS Office, Git, SVN

**Experience**

**Florida Institute of Technology, Melbourne, FL** Sep 2017 – Dec 2018

*Kaggle Data Science Bowl Competition*

* + Collaborated with 3 other students under the supervision of Dr. Debasis Mitra
  + Performed data augmentation and organization to increase time and accuracy of training
  + Used CNNs to train the network to spot nuclei under various conditions
  + Ranked 196th for the first submission of the competition

*Robotic project (group project)*

* Compiled Arduino code for a physical robot. The tasks involved in basic movements and path planning inside a maze
* Compiled the flowcharts and reports to the professor

Fingerprint Verification

* + Designed and developed an Windows application for fingerprint verification, employed a SDK from U.Are.U
  + Tested on various parameters and database
  + Reported and made a presentation to professor

**DOU Networks Company, Ho Chi Minh, Vietnam** Mar 2016 - Dec 2016

*Software Engineer*

* Worked with a team for a Vessel management project
* Analyzed business logic, data model and explained to other team members
* Tested and managed the progress of a main module
* Compiled C# scripts to run the business logic as well as designed the UI with WPF
* Reviewed, performed logical and unit tests and submitted code versions to version control

**Ryomo Vietnam Solutions Company, Ho Chi Minh, Vietnam** Jun 2014 - Feb 2016

*Software Engineer*

* Developed software modules for Gas and Electricity companies in Japan using C# and WPF
* Debugged, unit tested and designed reports
* Wrote SQL queries to extract data
* Reported to team leaders and communicated with Japanese collaborator

**Open University, Ho Chi Minh, Vietnam** Jan 2013 –May 2014

*Research in PERL programming language*

* Wrote a report presenting key concepts, OOP and how to program with PERL
* Wrote a demo program for demonstration

**University of Natural Sciences, Ho Chi Minh, Vietnam** Sep 2008 – May 2011

*Programming project*

* Developed a software for car garage management with C# and ADO.NET
* Designed database based on the project requirements and descriptions
* Developed main functions such as login, register, add car to garage, search for cars, etc.

**Honors**

* Florida Institute of Technology Graduate Scholarship