TU NGUYEN (631) 681 –2251, tu.nguyen@stonybrook.edu

Chapin I 1125C, 700 Health Sciences Drive, Stony Brook,NY 11790

**Education**

**M.S.** in **Computer Science**, Stony Brook University GPA: 3.26/4 May, 2014(expected)

**B.E.**in Software Engineering,Century College, Hanoi University of Technology GPA: 3.5/4 July, 2011

**Technique Skills**

**Language**: C#, C/C++, Python, Matlab , Prolog

**Others:** HTML5, Javascript, CSS

**Database**: SQL Server

**Software**: VisualStudio, Matlab, Komodo

**Framework:** .Net

**Projects**

**All-Word Word Sense Disambiguation**(Natural Language Processing), *Tool:* ***Java, WordNet*** Mar, 2013

Builtan effective wordsensedisambiguation system using PageRank algorithmbased on WordNet

**Visualizing Intelligent Monitoring System**(Solar Boat Team), *Tool:* ***Java, Assembly Language***Oct, 2012-Mar, 2013

Adjusting engine speed ofsolar boat by monitoring varieties of parametersand visualizing data with GUI

**Predicting”who-follows-whom”Twitter Network** (Data Mining& Networks),*Tool:****Matlab,Java***Aug-Dec, 2012

Improved predictionprecision with 7.83% by proposing a new algorithm based on network topologies and community structure

**Social Network(SoNet) DatabaseDesignand Implementation**(Database),*Tool:****SQL,JSP***Aug-Dec, 2012

Designedsample social network databaseand implementedinformation retrievalon JSP

**Business & Industrial Model Simulation** (SimulationandModeling),*Tool:* ***Matlab***Aug-Dec, 2012

SimulatedM/M/1& M/D/1 singleserverqueueing system and inventory system

**Working Experience**

**Data Analyst**, Vancl Technology Co., Ltd, Mar, 2011- Apr, 2012

 Mathematical modelingof performance assessment &demand forecastingof human resources

 Website construction

 User manual compositionof Kingdee EAS system(business intelligencesoftware)

**Assistant Network Manager**, Computer Lab,Century College, Beijing Univ. of Posts & TelecomsFeb, 2008-Jan, 2009

 Network management

**Awards & Honors**

**Meritorious Winner (Top 13%)**inUSA Undergraduate Mathematical Contest in Modeling2011

**Outstanding Prize & Encouragement Scholarship (Top 1)** in “Science Word Cup” Mathematical Contest in Modeling2010

**1stPrize**in China Undergraduate Mathematical Contest in Modelingin Beijing 2010

**2ndPrize**in NorthernJiangsuMathematical Contest in Modeling2010

**2ndPrize**in “Chinese Society of Electrical Engineering Cup” Mathematical Contest in Modeling2009

**Activities**

**Resident Assistant,** Chapin Apartment – Stony Brook University, Aug 2013 - Present

**Member**, Stony Brook Solar Boat Team Aug, 2012-present