
Curriculum Vitae

Ha Trong Sy

Personal Data

PLACE AND DATE OF BIRTH: Vietnam | 20 November 1991
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Work Experience

JAN 2018 - PRESENT	<p>Machine Learning R&D, Websosanh.vn, Vietnam</p> <ul style="list-style-type: none">• Researching and building API for some problems about text data processing like text categorization, name matching.• Languages and tools: Python, Flask, scikit-learn, keras, tensorflow.
DEC 2017 - JAN 2018	<p>AI engineer, Saltlux INC., Vietnam</p> <p>Developing a task-oriented chat bot, using Java, RESTful API, MongoDB.</p>
JUL 2014 - Nov 2017	<p>Software engineer, Vingroup, Vietnam</p> <ul style="list-style-type: none">• Developing .NET applications, web services, window services.• Researching about bigdata with Spark, Solr.• Researching to model and solve optimization problems for pickup and delivery systems.• Languages: C#, C++, Scala, SQL, HTML, Java.
NOV 2013 - MAY 2014	<p>Optimistic Group of School of Applied Mathematics and Informatics, Hanoi University of Science and Technology</p> <ul style="list-style-type: none">• Worked with many optimistic problems: Solving Maximum Weighted Clique Zero-One Problems with DCA (Difference of Convex functions Algorithm), Solving Mixed Zero-One Programming Problems with DCA-CUT, Vehicle Routing Problem.• Algorithm implementation by C++, Gurobi.
AUG 2013 - APR 2014	<p>Intern, Part-time Employee at THU DO MULTIMEDIA JSC, Hanoi</p> <p>Developed apps and games on Windows phone 8 platform using Client-Server Model with socket technology.</p>

JUL 2012 - APR 2013	SVST Team The team was created by me and my friends to participate some start-up competitions. One of these is McKinsey Mekong Product: Bridging Words - IOS game
MAR 2011 - 2013	BKIndex Group of School of Applied Mathematics and Informatics Developed many application projects based on .Net platform.

Education

2015 - PRESENT	Online courses at COURSERA, UDEMY, MIT OPENCOURSEWARE, Machine Learning, Artificial Intelligence, Statistic and Probability, Algorithm.
2015 - 2016	Student at SCHOOL OF APPLIED MATHEMATICS AND INFORMATICS, Master Program in Applied Mathematics. Hanoi University of Science and Technology , Hanoi, Vietnam. Vehicle Routing Problem Advisor: Dr. TA ANH SON
2009 - 2014	Undergraduate Engineer in APPLIED MATHEMATICS AND INFORMATICS Talented Program, Hanoi University of Science and Technology , Hanoi, Vietnam. Solving Mixed Integer Problems using DCA-CUT approach Advisor: Dr. TA ANH SON GPA: 3.14/4.0
2006 - 2009	Bac Giang Gifted High School Bac Giang city, Bac Giang province, Vietnam.

Awards and Honors

MAY 2014	The 3rd prize, STUDENTS WITH SCIENTIFIC RESEARCH CONTEST 2014 Hanoi University of Science and Technology.
MARCH 2009	The 3rd prize, VIETNAMESE MATHEMATICS OLYMPIAD 2009 (VMO).

Personal Skills

MOTHER TONGUE(S)	Vietnamese.
OTHER LANGUAGE(S)	English.
TECHNICAL SKILLS	<ul style="list-style-type: none">• Good programming skill with C++, C#, Python, Java, PHP, HTML, JavaScript.• Familiar with machine learning libraries: scikit-learn, tensorflow, keras.• Good skill with databases: SQL Server, My SQL, MongoDB, Cassandra.• Good command of Visual Studio 2012+, Microsoft Office tools, Matlab, Spyder, NetBean.• Operating Systems: Windows, CentOS, Ubuntu.
COMMUNICATION SKILLS	<ul style="list-style-type: none">• Having ability to communicate clearly and effectively.• Good presentation skill gained through many presentations for specialization projects and Scientific Research Reporting.

Interests and Activities

- Technology, Programming, Gaming, Martial Art, Travelling.

Publications

- Anh Son Ta, Hoai An Le Thi and Trong Sy Ha, *Solving Relaxation Orienteering Problem using DCA-CUT* (2015), Modelling, Computation and Optimization in Information Systems and Management Sciences, Proceedings of MCO 2015, Metz, France.