

STATEMENT OF PURPOSE

I write this statement of purpose to express my interest and motivation to enter the master program of information and communication technology (MS-ICT) jointly offered by John Von Neumann Institute (JVN) and Ho Chi Minh City University of Science. This letter will explain why you should consider letting me join your program.

Learning about computer and related technology nearly eight years inspired me to achieve the master degree. During 3 years at high school, classical algorithms and Pascal programming language affected my decision to pursue information technology (IT) specialization as my career and I have fulfilled the bachelor degree at university of Information Technology in 2013. Unlike my friends who start working after graduating, I want to keep studying instead of working with good salary. I believe that I could spend more than two years for graduate studies; nonetheless, I can earn more than that. Additionally, recommendations from some lecturers and my thesis supervisor restated my decision to pursue the master degree.

Most of all, the master degree not only enriches my knowledge but also opens door my career. It can develop me to be highly productive person and offer job opportunities. I can be a researcher, a lecturer or a specialist in the IT industry. Furthermore, master degree will provide me solid backgrounds and future prospects for doctoral program, my next goal because I know that knowledge is never enough.

The MS-ICT program at JVN fascinated me most after attending the information session. I look for information about the program and I realize that it is such a high quality program with good reputation. I am convinced that entering MS-ICT program is a very good chance for me to experience the international study environment with perfect facilities, excellent faculty and renowned researchers. I trust that this program will provide me huge opportunities to study and work with best professors from many countries so that I can gain useful state-of-the-art knowledge to work or to study in higher education.

My background and academic performance indicate the ability to study MS-ICT program. I have worked hard during the time at university of Information Technology. Ultimately, I achieved the highest GPA (8.52/10) of class 2008-2013, Information Systems specialization and I have 6.5 IELTS certificate, which can help me understand subjects, taught in English. Moreover, I am current one of members of the JAIST-VNUHCM¹ joint research project. It is such a great opportunity to gain research experience, and I put my high

¹ Japan Advanced Institute of Science and Technology (JAIST) – Vietnam National University, Ho Chi Minh City (VNUHCM) Joint Research Project (2013) – Title “*Applying context-aware collaborative filtering approach for e-learning recommendation*”

concentration and contribution into this project. I feel a little proud as one international paper², which I am one of authors, is accepted.

The bachelor studies provide me foundations about data structures, algorithms, programming, cutting-edge technology and tendencies. Moreover, I am quite good at self-studying and problem solving as well. As a result, I am able to analyze, design and deploy databases and systems. I can work with different database management systems and programming languages. However, I am impressive in some subjects, which offer me topics for future research in higher education. In particular, data mining course is the most exciting one and I have a quite long time to learn about recommender systems (topic for my bachelor thesis and JAIST-VNUHCM project). Data mining, distributed databases, computer networks, web- and database-related courses I learned make me pay attention to potential fields namely big data, distributed systems, computer security and cloud computing fields offered in the MS-ICT program. I desire studying communications and computer security specialization in M2 period if I am eligible for master of engineering program. By contrast, I am going to do research in M2 period with one of these fields.

In my point of view, my previous studies, academic records and current interests qualify me for the program and joining it makes me get closer to my career perspective. Although, there are some unfamiliar courses and it would be such a difficult task to fulfill the program, with JVN's assistance, I am determined to achieve it.

It is great honor with JVN's support for tuition fee for M1 period. It will be wonderful if I have admission to master of engineering program and receive Eiffel scholarship for M2 period because I cannot afford tuition fee and cost of living in France. In the case of I am not granted any financial support, I will try my best to cover the tuition fee for M1 period, a loan for instance, and I will strive for doing research at JVN in M2 period.

I firmly hope that JVN office of admissions will admit me and consider granting me financial supports. Thank you so much for your time and consideration in my application and I do look forward to your reply.

Yours faithfully,

Le Nguyen Hao Hiep

² This paper is accepted and it will be presented in December, 2013 in the 5th FTRA International Conference on Computer Science and its Applications (CSA-13) – Title “A *context-aware collaborative filtering algorithm through identifying similar preference trends in different contextual information*”