

# HUYNH PHUNG HUYNH

## PRESENT ADDRESS

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99 Tran Hung Dao  
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## OBJECTIVE

Seeking an internship position for summer 2007.

## DATE OF BIRTH

05-01-1982

## EDUCATION

08.2005-present Computer Science Phd candidate  
School of Computing  
National University of Singapore (NUS)

2000-2005 B.E Computer Science and Engineering  
University of Technology  
Vietnam National University - Ho Chi Minh City  
First Class with distinction CGPA 8.32

## PUBLICATIONS

Instruction-Set Customization for Real-Time Systems, Huynh Phung Huynh, Tulika Mitra. Design Automation and Test in Europe (DATE), April 2007.

## HONORS AND AWARDS

University Silver Medal in recognition of the outstanding academic performance among the Bachelor's graduates of the Department of IT, Ho Chi Minh City University of Technology, Vietnam.

Offered scholarship of Vietnam Ministry of Post-Telecommunications and Motorola Corporation, 2005.

Offered Research Scholarship at National University of Singapore, 2005-present.

## Phd RESEARCH FIELD

I am working on instruction-set customization of customizable embedded processors. Application-specific customization of the instruction set helps embedded processors achieve significant performance and power efficiency. First, I explore the efficiency of instruction-set customization in the context of a single processor. And then, I will consider the instruction-set customization in the context of multiple heterogeneous and customizable processors.

## SOFTWARE AND TOOLS

Xplorer integrated development environment for customizable processor and multi-processor from Tensilica.

Stretch integrated development environment for customizable from Stretch Inc.

Programming language: C, C++, C#, Java.

## **REFERENCES**

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