

# Duc M. Le

SYSTEM SECURITY ENGINEER · SOFTWARE ARCHITECTURE RESEARCHER · SOFTWARE REPOSITORY MINER

731 Lexington, New York City, NY 10022, U.S.

☎ (+1) 213-884-8846 | ✉ ducmle@usc.edu | 🏠 lemduc.io | 📷 lemduc | 🌐 lemduc | 📧 lemduc

## Summary

Blends research experience in Software Engineering, Data Mining, and System Security with diverse and practical trainings in the software industries of Vietnam, S.Korea and U.S. to offer solid skills in software design and development. Experiences include (1) mining software repositories/big data, (2) system security, (3) architecture design, recovery, and analysis, (4) software product line engineering.

## Education

### University of Southern California (USC)

PHD IN COMPUTER SCIENCE, SOFTWARE ARCHITECTURE RESEARCH GROUP (SOFTARCH), GPA : 3.87/4.00

Los Angeles, U.S.

Aug. 2013 - July. 2018

### Pohang University of Science and Technology (POSTECH)

MSC IN INFORMATION TECHNOLOGY CONVERGENCE ENGINEERING, SOFTWARE ENGINEERING LAB (SELAB), GPA : 95.9/100.0

Pohang, S.Korea

Aug. 2010 - May. 2012

### Hanoi University of Science and Technology (HUST)

BSC IN INFORMATION TECHNOLOGY (MAGNA CUM LAUDE), GPA: 8.07/10.00

Hanoi, Vietnam

Aug. 2005 - May. 2010

## Work Experience

### Bloomberg L.P.

SOFTWARE ENGINEER

New York, New York, U.S.

July. 2018 - PRESENT

### NEC Laboratories America, Inc.

RESEARCH INTERN - COMPUTER SECURITY GROUP

Princeton, New Jersey, U.S.

May. 2017 - Aug. 2017

### Veritas Technologies LLC

SOFTWARE ENGINEERING INTERN - EV.CLOUD PROJECT, PLATFORM TEAM

Culver, California, U.S.

May. 2016 - Aug. 2016

### Samsung Research America

RESEARCH INTERN - ADVANCED PRINTING SOFTWARE LAB

Irvine, California, U.S.

Jun. 2015 - Sep. 2015

### Dasan Handysoft

SOFTWARE ENGINEER

Seoul, S.Korea

Sep. 2012 - Jun. 2013

### HDC Media Vietnam

PHP DEVELOPER & ASTERISK PBX ADMINISTRATOR

Hanoi, Vietnam

Aug. 2009 - Jun. 2010

## Skills

**Programming** Java (Proficient), Python, Linux Shell, JavaScript, C/C++

**Frameworks** Spark, Spring, OSGi, EMF, GWT, Joomla, Liferay, Microsoft Azure

**Databases** MySQL, MongoDB

**Others** Agile Development, LaTeX, SVN, Git, Asterisk PBX

## Relevant Coursework

Software Engineering  
Software Architecture  
Software Testing

Advanced Algorithms  
Artificial Intelligence  
Decision Support Systems

Machine Learning  
Natural Language Processing  
Advanced Operating Systems

Database Systems  
Information and Data Modeling  
Information Security

## Honors & Awards

2018 **Best Paper Award**, ICSA 2018

Seattle, WA, USA

2016 **'Thesis in Three' - Best Presentation Award**, Doctoral Symposium, ICSE 2016

Austin, TX, USA

2015 **Awardee**, ACM SigSoft CAPS Travel Support for attending ICSE 2015

Florence, Italy

2014 **Awardee**, USC Doctoral Student Summer Institute Award

Los Angeles, CA, U.S.

2013 **Awardee**, Vietnam Education Foundation Fellowship

U.S.

2011 **Best Poster Prize**, 3rd International Symposium on IT Convergence Engineering

Pohang, S.Korea

2010 **Awardee**, Research Scholarship from National Research Foundation of Korea

Pohang, S. Korea

2010 **Awardee**, Certificate of Merit for Excellent Graduation Achievement

Hanoi, Vietnam