

# Alexandru MARGINEAN

## PERSONAL DATA

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PLACE AND DATE OF BIRTH: Oradea, Romania | 10 April 1991  
ADDRESS: Flat 19, St. Georges Court, Garden Row, London, UK  
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NATIONALITY: Romanian

## EDUCATION

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**CURRENT** **PhD** in SOFTWARE ENGINEERING  
*University:* **University College London**, London  
*Thesis:* "Automatic Software Transplantation"  
*Advisor:* Prof. Mark HARMAN and Dr. Earl T. BARR  
*Language:* English

27 SEPT. 2013 - **MSc** in SOFTWARE SYSTEMS ENGINEERING  
15 SEPT. 2014 *University:* **University College London**, London  
*Thesis:* "Automatic Software Transplantation"  
*Advisor:* Prof. Mark HARMAN and Dr. Earl T. BARR  
*Language:* English  
GRADE: Distinction [| Detailed List of Exams](#)

1 OCT. 2010 - **BSc** in ECONOMIC INFORMATICS  
24 JULY 2013 *University:* **Bucharest University of Economic Studies**, Bucharest  
*Thesis:* "Programming an OS"  
*Advisor:* Prof. Ion SMEUREANU  
*Language:* Romanian  
AVERAGE MARK OF THE YEARS OF STUDY: 8.39 / 10  
AVERAGE MARK OF THE GRADUATION EXAM: 10 / 10  
PUBLIC PRESENTATION AND DEFENCE OF THE GRADUATION PAPER: 10 / 10  
EVALUATION OF FUNDAMENTAL AND SPECIALISED KNOWLEDGE: 10 / 10

15 SEPT. 2006 - High school  
JUNE 2010 *Institution:* **National College of Informatics "Tudor Vianu"**, Bucharest  
*Language:* Romanian  
GRADE ROMANIAN LANGUAGE AND LITERATURE: 8.35 / 10  
GRADE MATHEMATICS: 10 / 10  
GRADE INFORMATICS: 9.7 / 10

## PUBLISHING AND AWARDS

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- SEPT. 2015 Automated Transplantation of Call Graph and Layout Features into Kate  
A. Marginean, E. T. Barr, M. Harman, and Y. Jia  
In *Symposium on Search-Based Software Engineering (SSBSE) 2015*  
To Appear
- JULY 2015 Automated Software Transplantation  
E. T. Barr, M. Harman, Y. Jia, A. Marginean, and J. Petke  
In *ACM International Symposium on Software Testing and Analysis (ISSTA) 2015*  
To Appear
- JULY 2015 Automated Software Transplantation - Artifact Evaluation  
E. T. Barr, M. Harman, Y. Jia, A. Marginean, and J. Petke  
In *ACM International Symposium on Software Testing and Analysis - Artifact Evaluation Track (ISSTA-AE) 2015*  
To Appear
- SEPT. 2014 BCS STUDENT PRIZE AWARD for the highest marks at MSc Software Systems Engineering exams
- AUG. 2014 *Pidgin Crasher*: Searching for Minimised Crashing GUI Event Sequences  
H. Dan, M. Harman, J. Krinke, L. Li, A. Marginean and F. Wu  
In *Proceedings In 6th Symposium on Search Based Software Engineering*, Aug. 2014
- FEB. 2014 Software Systems Architect for the first Systems Integration project in the UK on Big Data Infrastructure with the Internet of Things
- MAY 2013 IELTS (Academic)  
OVERALL SCORE: 7.0 READING SCORE: 8.0  
WRITING SCORE: 6.0 SPEAKING SCORE: 6.5  
SPEAKING SCORE: 6.5
- MAY 2013 1<sup>st</sup> place at The Best Programmer, Bucharest

## WORK EXPERIENCE

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JAN 2013-JULY 2013 | Software Developer at BINOVATE, Bucharest  
Developing iOS and Windows Phone applications.

## COMPUTER SKILLS

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C, C++, TXL, Unix, Python, java  
assembly for X86 architecture, Objective C, cocos2d  
C#, javascript, HTML, CSS, SQL, PL/SQL,  $\LaTeX$

## INTERESTS AND ACTIVITIES

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SOFTWARE ENGINEERING: Search Based Software Engineering  
Program Slicing, Program Analysis  
Software Testing, Program Transformation  
Type Systems

INTERESTS OUTSIDE SOFTWARE: Tennis, Travelling  
ENGINEERING Music

# MSc in SOFTWARE SYSTEMS ENGINEERING

## Grades

EXAM	GRADE	CREDIT
Requirements Engineering and Software Architecture	72	15
Software Abstractions and System Integration	91	15
Validation and Verification	83	15
Tools and Environments	93	15
Research Seminar in Software Engineering	72	15
Research Project in Software Engineering	82	60
Networked Systems	84	15
Multimedia Systems	83	15
Professional Practice	78	15

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