

Marios Constantinides

Department of Computer Science
University College London
London Media Technology Campus (UCL/BBC)
1ES 5th Floor, One Euston Square, 40 Melton Street
London NW1 2FD, United Kingdom

Tel. +44 7845 456764
Email: co.marios@gmail.com
Web: <http://www.cs.ucl.ac.uk/staff/mconstan>

RESEARCH INTEREST

I am currently a Ph.D candidate in the Department of Computer Science at University College London under Dr. John Dowell supervision. My research interests revolve around Human-Computer Interaction (HCI) with primary focus on Adaptive/Personalised Systems and User Modelling. I hold an MSc (2012-2013) in Software Systems Engineering from University College London and a BSc. in Computer Science from University of Cyprus (2008-2012).

EDUCATION

Ph.D., PhD Candidate in Computer Science, University College London
Thesis: Adaptive User Interfaces for Mobile News Apps Oct 2013 – present

M.Sc., Software Systems Engineering, University College London
Thesis: Gadgeteer Internet of Things API Sept 2012 – Sept 2013

B.Sc., Computer Science, University of Cyprus
Thesis: Content Authoring System for Dynamic Generation of Adaptive Web Objects Sept 2008 – Jun 2012

PROFESSIONAL EXPERIENCE

Telefnica Innovation Alpha, Barcelona, Spain Feb 2017 – present
Research Internship

- Defining a set of behavioural indexes that automatically computed from data captured from mobile phones or mobile network.
- Explore the associations between such indexes and the ground-truth information acquired in already conducted experiments (e.g. mood variations) and apply machine learning techniques to explore the predictive power of a set of behavioural indexes to predict future states.
- Suggest visualisation concepts of those behavioural indexes.

Lanitis Development LTD, Paphos, Cyprus Jun 2012 – Sept 2012
Program Developer, Summer Internship

- Created the ability to co-operate, solve problems and work in teams while assisting for the development of online tools for the e-Business sector.
- Able to plan ahead and utilized my creativity skills in all of my assigned duties (Golf and Spa Online Reservation System and Backup Procedures).
- Enhanced my programming skills and acquired further experience on the Web Development area (Web design, PHP, SOAP/WSDL, MySQL).

Data Management Systems Laboratory, University of Cyprus Jun 2011 – Sept 2011
Research Assistant

- Highly involved in research project Airplace titled A platform for the evaluation of fingerprint positioning algorithms on Android Smartphones under the supervision of Dr. D. Zeinalipour.
- Worked on the development of Airplace Android Application using Android SDK, Java.

- Acquired, developed and improved researching skills through my contribution on the Airplace project.

Avantless LTD - Information Systems, Paphos, Cyprus
Junior Web Developer, Summer Internship

Jun 2010 – Sept 2010

- Actively involved in the development of online tools for the travel business sector through customising an existing system using Joomla CMS Framework.
- Obtained time-management, organizational and decision making skills while working on strict deadlines.

HONOURS AND AWARDS

- Ph.D Full Scholarship by Orange France Telecom, University College London 2013
- Best Demo Award at MDM'12 conference for "The Airplace Indoor Positioning Platform for Android Smartphones" 2012
- Imagine Cup Software Design Competition – 3rd place national, University of Cyprus 2012
Crowdcast: Windows phone application based on proximity algorithms for mobile clients. – 3rd place national in the Microsoft Imagine Cup Competition, University of Cyprus 2012
- ACM SIGMOD 2011 Programming Contest: A high-throughput main-memory index that uses flash-based Solid-State-Disk for durability. - 6th place worldwide, University of Cyprus 2011

PUBLICATIONS

- **M. Constantinides**, J. Dowell "User Interface Personalization in News Apps", Proceedings of the ACM International Conference on User Modeling, Adaptation and Personalization (UMAP 2016), Workshop on News Recommendation and Analytics (INRA 2016), Halifax, Canada, 2016.
- **M. Constantinides**, J. Dowell, D. Johnson, S. Malacria "Exploring Mobile News Reading Interactions for News App Personalisation", Proceedings of the 17th International Conference on Human-Computer Interaction with Mobile Devices and Services (MobileHCI '15), Copenhagen, Denmark, 2015
- **M. Constantinides**, J. Dowell, D. Johnson, S. Malacria "Habito News: A research tool to investigate mobile news reading.", Proceedings of the 17th International Conference on Human-Computer Interaction with Mobile Devices and Services Adjunct (MobileHCI '15), Copenhagen, Denmark, 2015
- **M. Constantinides**, "Apps with habits: Adaptive Interfaces for News Apps ", Proceedings of the 33rd Annual ACM Conference Extended Abstracts on Human Factors in Computing Systems (CHI '15), Seoul, South Korea, 2015
- M. Belk, P. Germanakos, E. Papatheocharous, **M. Constantinides**, G. Samaras, "Supporting Adaptive Interactive Systems with Semantic Markups and Human Factors", 7th International Workshop on Semantic and Social Media Adaptation and Personalization (SMAP '12), Luxembourg, 2012
- **M. Constantinides**, G. Constantinou, A. Panteli, T. Phokas, G. Chatzimilioudis, D. Zeinalipour-Yatzi, Proximity Interactions with Crowdcast, 11th Hellenic Data Management Symposium (HDMS 12), Chania, Greece, 2012
- C. Laoudias, G. Constantinou, **M. Constantinides**, S. Nicolaou, D. Zeinalipour-Yatzi, C. G. Panayiotou, The Airplace Indoor Positioning Platform for Android Smartphones, 13th IEEE International Conference on Mobile Data Management (MDM 12), IEEE Computer Society, Bangalore, India, 2012
- C. Laoudias, G. Constantinou, **M. Constantinides**, S. Nicolaou, D. Zeinalipour-Yatzi, C. G. Panayiotou, The Airplace Indoor Positioning Platform, 10th International Conference on Mobile Systems, Applications and Services (MobiSys12), Low Wood Bay, Lake District, UK, 2012
- C. Laoudias, G. Constantinou, **M. Constantinides**, S. Nicolaou, D. Zeinalipour-Yatzi, C. G. Panayiotou, A Platform for the Evaluation of Fingerprint Positioning Algorithms on Android Smartphones, International Conference on Indoor Positioning and Indoor Navigation (IPIN), Guimaraes, Portugal, 2011

TEACHING

University College London

Teaching Assistant

- COMPGC02: Design, (20h) Sept – Dec 2016
- COMP103p: Object-Oriented Programming, (40h) Jan – Apr 2016
- COMP3013/GC06: Database and Information Management Systems, (35h)
- COMPGC01: Introductory Programming, (29h) Sept – Dec 2015
- COMPGC02: Design, (20h)
- COMP103p: Object-Oriented Programming, (48h) Jan – Apr 2015
- COMP3013/GC06: Database and Information Management Systems, (35h)
- COMPGC02: Design, (27h) Sept – Dec 2014
- COMP3013/GC06: Database and Information Management Systems, (38h) Jan – Apr 2014

PROJECT SUPERVISION

University College London

Oct 2016 – present

Second supervisor of Danyaal Masood - MEng student

- Thesis: Investigation of Adaptive User Interfaces in a News App

University College London

May 2016 – present

Second supervisor of Anna Kuforiji - HCI Masters student

- Thesis: Women and News

University College London

Jun 2015 – Sept 2015

Second supervisor of Yuval Roy Cohen - HCI Masters student

- Thesis: Places for news: A Situated Study of Context and Research Methods in News Consumption

University College London

Sept 2014 – Apr 2015

Second supervisor of David Johnson - MEng student

- Thesis: Adaptive Mobile User Interfaces: A Study on News Apps Personalisation

RESEARCH ACTIVITIES

Reviewer

- UMAP 2016
- CHI 2016
- MobileHCI 2015

Summer School

- Attend the "Research Methods in HCI" summer school, took place in Limmasol, Cyprus July 6-10 2015.

MEMBERSHIP

ACM Student Member (2015 - present)

TECHNICAL SKILLS

- Programming Languages: Java, Python, C/C++
- Web Application Programming: PHP, AngularJS, HTML, JavaScript/jQuery, AJAX, CSS, XML/JSON
- Databases: Microsoft SQL Server, MySQL, Oracle
- Operating Systems: Windows, Mac, Unix/Linux
- Mobile Development: Android

LANGUAGES

Greek [Mother tongue]
English [Fluent]
Spanish [Conversational]

REFERENCES

Senior Lecturer John Dowell

Dept. of Computer Science, University College London
London Media Technology Campus, One Euston Square
40 Melton Street - London - NW1 2FT, United Kingdom
Phone: +44 (0) 20 3549 5255
Email: j.dowell@ucl.ac.uk

Assistant Professor Demetris Zeinalipour

Department of Computer Science, University of Cyprus
DMSL Lab
P.O.Box.20537
CY-1678 Nicosia, Cyprus
Phone.: + 357-22-892755
Email: dzeina@cs.ucy.ac.cy