

ARGYRIS CONSTANTINIDES - CV

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EDUCATION

2014 – 2015

MSc WEB SCIENCE AND BIG DATA ANALYTICS, UNIVERSITY COLLEGE LONDON, LONDON, UK

A specialist programme that covers fundamental aspects of Web related technologies and big data analytics, ranging from information search and retrieval, data mining and analytics, large-scale distributed and cloud computing, to E-Commerce and their business economic models, and the latest concepts of Web 2.0 and the underlying network science.

Coursework: A challenging one-year programme covering 8 taught modules, including Information Retrieval and Data Mining, Distributed Systems and Security, Multimedia Systems, Complex Networks and Web, Web Economics.

Dissertation: "Relevance, Popularity, Credibility: A Novel URL Recommender System on the Social Web"

My dissertation is part of an online social website, coined Searcular, which combines Google search with social networks aiming to provide personalized recommendations for improving user search experience by looking at like-minded people.

My contribution to the Searcular project revolves around the recommendation of relevant, popular and credible public URLs extracted from social networks.

2010 – 2014

BSc COMPUTER SCIENCE, UNIVERSITY OF CYPRUS, NICOSIA, CYPRUS

Grade: 8.19/10

A combination of theoretical and practical aspects of Computer Science, examined in terms of final year written exams as well as the application of practical tools to individual and team projects

Coursework: An intensive four year course covering 33 taught modules, including Communications and Networks (8.5/10), Logic In Computer Science (8.0/10), Networks Information Security (8.0/10), System Programming (8.5/10), Advanced Networks (8.0/10), Computer Architecture (8.0/10), Mobile Computing Systems – Android Development (9.5/10)

Dissertation: "Tool for Development and Processing of General Content eServices for Personalized and Adaptive System"

My dissertation is part of a national-funded research programme, coined PersonaWeb, aiming to supply a framework for dynamic adaptation and personalization of general content eServices, based on cognitive and human factors.

2008

ST. NEOFYTOS LYCEUM, PAPHOS, CYPRUS

School-leaving certificate: 19.83/20 (Excellent)

Principal Subjects: Computer Science (20/20), Mathematics (19/20), Physics (19/20)

WORK EXPERIENCE

**Nov 2015 –
Dec 2017**

PYTHON BACK-END WEB DEVELOPER, INFRASTRUCTURE TEAM, GENEITY LTD, LONDON, UK

- Involved in the development and maintenance of the common projects including communication and service libraries, development/integration tools and configuration/monitoring tools.
- Involved in the development and maintenance of the build/deployment/management of containerized applications as microservices and responsible for the stability of the development environments.
- Member of the Out Of Hour Support Team – 1st Line Support for issues reported on Production Environments

**June 2014 –
Aug 2014**

RESEARCH LAB – SCRAT GROUP, UNIVERSITY OF CYPRUS, NICOSIA, CYPRUS

- Highly involved in the web development of a national-funded research programme (PersonaWeb), which is a framework for dynamic adaptation and personalization of general content eServices, based on cognitive and human factors

**June 2011 –
Aug 2011**

SUMMER STAFF, IT DEPARTMENT, KPMG, NICOSIA, CYPRUS

- Operating System installation (including imaging and remote installation)
- Software installation and configuration
- End User Support
- IT asset inventory

PUBLICATIONS

Constantinides, A., Fidas, C., Belk, M., & Samaras, G. (2018). On Sociocultural-centered Graphical Passwords: An Initial Framework, ACM SIGCHI Human-Computer Interaction with Mobile Devices and Services (MobileHCI 2018), ACM (to appear)

Constantinides, A., Belk, M., Fidas, C., & Samaras, G. (2018). On Cultural-centered Graphical Passwords: Leveraging on Users' Cultural Experiences for Improving Password Memorability. In Proceedings of the 26th Conference on User Modeling, Adaptation and Personalization (UMAP '18). ACM

Belk M., Germanakos P., **Constantinides A.**, Samaras G. (2015). "A Human Cognitive Processing Perspective in Designing E-Commerce Checkout Processes", Proceedings of the 15th IFIP TC13 Conference on Human-Computer Interaction (INTERACT 2015), Bamberg, Germany, September 14-18, 2015, LNCS, Springer-Verlag Berlin Heidelberg

Germanakos P., Belk M., **Constantinides A.**, Samaras G. (2015). "The PersonaWeb System: Personalizing E-Commerce Environments based on Human Factors", Demo in Proceedings of the 23rd International Conference on User Modeling, Adaptation, and Personalization (UMAP 2015), Dublin, Ireland, June 29 – July 3, 2015, Springer-Verlag Berlin Heidelberg

Constantinides A., Belk M., Germanakos P., & Samaras G. (2015) "The PersonaCheck System for Personalizing M-Commerce Checkout Processes", Demonstration in the Proceedings of the 16th IEEE International Conference on Mobile Data Management (MDM 2015), Pittsburgh, Pennsylvania, USA, June, 15-18, 2015, IEEE Computer Society

ACHIEVEMENTS

- 2013**
- **ACM SIGMOD 2013 Programming Contest – 36th place worldwide**
Filter a stream of documents using a dynamic set of exact and approximate continuous keyword match
- 2013**
- **Express Railway, Databases team project, University of Cyprus – Top Marked**
A Database System for Train System Queries

SEMINARS

- MAR 2013**
- Presenter of "Express Railway" on Workshop for high school students, University of Cyprus

OTHER

Languages

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

Technical Skills

- Programming languages: C/C++, C#, Java, Python
- Scripting languages: Python, Unix shell
- Web development: PHP, CSS, JavaScript (AJAX / jQuery)
- Query languages: MS SQL Server, MySQL, Couchbase Server, MongoDB, Oracle
- Continuous Integration/Continuous Development tools: Gitlab, Jenkins
- Container management: Docker, Kubernetes
- Code review: Arcanist, Phabricator
- Agile development: JIRA
- IDEs: MS Visual Studio, Eclipse, IntelliJ IDEA, PyCharm
- Markup languages: HTML, XML
- Mobile development: Android OS
- Design: Adobe Photoshop, Adobe Fireworks

Extracurricular Activities

- Joined High's School Volleyball Team
- Part time job during summer holidays as a waiter (2010)