DIMITRIS SCHIZAS

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PERSONAL INFORMATION

Date of Birth	28/06/1989
Nationality	Greek

FIELDS OF INTEREST

Web Development, Software Engineering

WORK EXPERIENCE

08/2012 – now	**Captainwise.com**
Occupation or position held	Full-stack developer & Co-Founder
Responsibilities	Architect of captainwise.com developed mostly in Java and PHP, consume web services (SOAP and REST) and create RESTful API in Spring. Responsible for captainwise.com lifecycle, from strategy through to design, development, testing, and deployment to production with Agile/Scrum and TDD.

10/2012 – 01/2014	**Ecole Polytechnique Fédérale de Lausanne**
Occupation or position held	Research Associate
Responsibilities	Create a Java software that implements a model of the arterial tree that was developed in LHTC lab.

06/2010 – 08/2011	**National and Kapodistrian University of Athens**
Occupation or position held	Research Associate
Responsibilities	Develop a Java software in order to analyze patient's heart images with atherosclerotic plaque.

PUBLICATIONS

- Impact of atherosclerotic plaque components and their distribution on stent deployment: an intravascular ultrasound – Virtual histology observational study, Minerva Cardioangiologica, 17 June 2015
- Quantification of new structural features of coronary plaques by computational post-hoc analysis of virtual histology-intravascular ultrasound images, Computer Methods in Biomechanics and Biomedical Engineering, volume 17, issue 16, p 643-651, (2014)

CONFERENCES (Abstracts)

- Computerized analysis of "Virtual Histology" intravascular ultrasound images for the quantification of new structural and compositional features of atherosclerotic plaques. *Physiological Fluid Mechanics: The Cardiovascular System*. Brunel University, Uxbridge, UK, 14-15 July 2011

EDUCATION

Higher Education

09/2007 – 03/2015	**National Technical University of Athens School of Applied Mathematical and Physical Sciences** *Bachelor of Science*	major in Computer Science and Applied Analysis
Significant courses	Data Structures, Database Systems, Algorithms and Complexity, Graph Theory, Numerical Analysis, Real Analysis, Functional Analysis and Optimization
Thesis	Developed a web content mining software that could perform a systematic sentiment analysis with a focus on the identification of the polarity of the contents. For the data recovery and polarity categorization I used machine learning, natural language processing and data mining algorithms.

Secondary Education

09/2004 – 06/2007	**1st Lyceum of Voula** – Athens, Greece	*Graduation (Apolytyreum)*

TECHNICAL SKILLS

Web-development	Proficient with Java, Multithreading, PHP, Javascript, HTML5, CSS3, Agile/Scrum, TDD Familiar with Microservices, Git, NodeJS, Python, AngularJS, Scala, Akka, Go
Databases	MySQL, MS-SQL Server, MongoDB
Operating Systems	Linux, MacOSX, Windows
Other Languages	Matlab, Mathematica, Fortran

SKILLS

Language	English (Fluent), French (Basic), Greek (Native)

SEMINARS

04/2016 - 07/2016	Machine Learning by Stanford University, Coursera (100/100)
03/2012 - 07/2012	Introduction to Programming Language Java – Sun Certified Java Programmer (92/100), *National Technical University of Athens – Technology Media Laboratory*