

# 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  
Occupation or position held **Captainwise.com**  
Responsibilities Full-stack developer & Co-Founder  
Architect of captainwise.com website written mostly on PHP, consume various web services (Soap and REST), create RESTful API on Spring and be responsible for the application development goals. Participate on business development and customer acquisition strategy.

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

06/2010 – 08/2011  
Occupation or position held **National and Kapodistrian University of Athens**  
Responsibilities Research Associate  
Develop a software for computational analysis of patients' 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 Applied Analysis and Computer Science

Significant courses Numerical Analysis, Real Analysis, Functional Analysis, Optimization, Data Structures, Database Systems, Algorithms and Complexity

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  
**1<sup>st</sup> Lyceum of Voula** – Athens, Greece | *Graduation (Apolytyreum)*

## TECHNICAL SKILLS

Web-development Proficient with Java, PHP, Javascript, HTML5, CSS3, NodeJS  
Familiar with Python, AngularJS, Scala, Akka, Go, Git

Databases MySQL, MS-SQL Server, MongoDB

Operating Systems Linux, MacOSX, Windows

Other Languages Matlab, Mathematica, Fortran

## SKILLS

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

## SEMINARS

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

04/2016 - 07/2016 Machine Learning by Stanford University, Coursera (100/100)