Iason D. Rodis

Research Associate / Software Engineer

<u>linkedin:jasrodis</u>

Profile

An ambitious and dynamic software engineer with background in research and over four years of experience who works to high personal standards. Self-motivated and confident working, either on own initiative or as an integral team member.

Work Experience

2016-Present	**Software Engineering Fellow** *CERN*, <u>*cern.ch*</u> Beams Department, Beam Instrumentation, Software Section
2015-2016	**Software Engineering Intern**, *CERN*, <u>*cern.ch*</u> Beams Department, Beam Instrumentation, Software Section
2014-2015	**Research Associate / Software Engineer**, *Scan Group*, <u>*scan.di.uoa.gr*</u> Department of Informatics & Telecommunications, University of Athens.
2013-2014	Collaboration with **Bentley Motors Infotainment**.
2011-Present	**Freelance website developer and administrator.**
2011-2012	**Tech support Agent** [ADSL/ISDN]**,** *Hellenic Telecommunications Organisation S.A* <u>*ote.gr*</u>

Education & Training

2016	CERN Accelerator School, Communication Training
2015	FESA Hands-on Training, Introduction to MEAN.js framework, CERN, Security training
2009-2016	BSc **Department of Informatics & Telecommunications**, *University of Athens, GPA 7.0/10.0 - 240 ECTS*
2009	Graduated from *"Lycée Léonin"* ,Greek-French High school.

Projects & Services

CERN	**Beams Instrumentation Software Portal** Web application used for delivering and launching ExpertGuis and documenting FESA Classes Based on Maven, MySQL, Spring Boot, AngularJS, Websockets, ElasticSearch. **LHC Feedback Dashboard** An expert monitoring suite for the LHC beam-based feedbacks. Based on FESA C++, Maven, JavaFX **JavaFX DataViewer** JavaFX-based data visualisation prototype library, <u>*github link*</u>. Based on Maven, JavaFX, Jetty, WebSockets, plotly.js

Scan Group	**FIspace,** fispace.eu, bitbucket.org/fispace **(Open-source Project)**
	FIspace is a social network platform for business-to-business (B2B) collaboration.
	Web Application - Front/Back-end Web Developer with the latest technologies. Based on Maven, Spring MVC, Atmosphere Framework, jQuery, AngularJS, Bower, Grunt and keycloak.
	Diploma Thesis based on **Univerself,** univerself-project.eu
	Thesis Title : Adapting Policy-based Management of Future Networks using Collaborative Filtering Techniques.
	Based on Java Swing, Web services REST, owl, rdf, MySQL.
Bentley Motors	**EQtoolHelper**
	Data analysis software package of the "NAIM for Bentley" audio amplifier.
	Based on Java SE, Swing, JAXB.
Freelance	Various websites developed with CMS platforms, JHipster stack

IT Skills & Expertise

Languages	Java, C, C++, Python*, Javascript
Java	JavaEE, Spring, Swing, JavaFX, Maven, Atmosphere
Web	Html5, CSS3, jQuery, AngularJS, NodeJS* WebSockets
Databases	HSQL-MySQL, NoSQL*
Various	Wordpress/Joomla, Matlab, OpenGL*, SEO, git, mercurial, bash, SCRUM
OS	Linux, OS X, Windows

(*familiar with)

Volunteering

TEDxCERN
Official CERN Guide

Languages

Greek	Native
English	C2 - Excellent knowledge.
French	Sorbonne 2 (C2 equivalent) Excellent knowledge.

Interests

Music Production, Travelling, Snowboarding, Camping, Hiking, Blockchain

Publications & Conferences

[3]   **Iason Rodis**, Athanasios Topaloudis, '*Common Standards for JavaFX GUI Development and its application to the Renovation of the CERN Beam Instrumentation Software Portal and Delivery Mechanism*', for the 16th International Conference on Accelerator and Large Experimental Physics Control Systems, *ICALEPCS 2017*

[2]   Diogo Alves, **Iason Rodis**, Stephen Jackson, '*A monitoring system for the beam-based feedbacks in the LHC*', for the Real Time Conference (RT), *2016 IEEE-NPSS.*

[1]   R. Arapoglou, **I. Rodis**, P. Magdalinos, N. Alonistioti, '*Adapting Policy-based Management of Future Networks using Collaborative Filtering Techniques*', for the 19th IEEE International Workshop on Computer Aided Modelling and Design of Communication Links and Networks.