

Iason D. Rodis

Software Engineer
jasrodis.tk

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

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| 2016-Present | Software Engineering Fellow <i>CERN</i> , cern.ch
Beams Department, Beam Instrumentation, Software Section |
| 2015-2016 | Software Engineer , <i>CERN</i> , cern.ch
Beams Department, Beam Instrumentation, Software Section |
| 2014-2015 | Research Associate / Software Engineer , <i>Scan Group</i> , scan.di.uoa.gr
Department of Informatics & Telecommunications, University of Athens. |
| 2011-2015 | Freelance web developer and administrator. |
| 2011-2012 | Tech support , <i>Hellenic Telecommunications Organisation S.A</i> , ote.gr |

Education & Training

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| 2017-2018 | Efficient Scientific Computing INFN, SCRUM 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

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| CERN | Beam 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 |
| | Dataviewer
Data visualisation library, github link .
Based on Maven, JavaFX, Jetty, WebSockets, plotly.js |

Scan Group	<p>FIspace, fispaces.eu, bitbucket.org/fispaces FIspace is an open-source social network platform for B2B collaboration. Web Application - Full stack developer. Based on Maven, Spring MVC, Atmosphere Framework, jQuery, AngularJS, Bower, Grunt and Keycloak.</p> <p>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.</p>
Bentley Motors	<p>EQtoolHelper Data analysis software package of the “NAIM for Bentley” audio amplifier. Based on Java SE, Swing, JAXB.</p>
Freelance	Various websites developed with CMS platforms, JHipster stack

IT Skills & Expertise

Languages	Java , C/C++, Javascript
Java	EE, Spring, Swing/FX, Maven / Gradle
Web	html, css, AngularJS, jQuery, JHipster
Databases	SQL, NoSQL, TimeSeries
Various	CMS, git, Agile/Scrum, Bash
OS	Linux, OS X, Windows

Volunteering

TEDxCERN, Official CERN Guide

Languages

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

Interests

Learning, Teaching, Snowboarding, Camping, Sailing, Hiking, Travelling, Music, Trading

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.