IOAN DAMIAN

PH.D. STUDENT

PROFILE

Enthusiastic about technology in all its shapes and forms with varying interests such as web development, car industry, space exploration. I am completing my Ph.D. making use of Web Services.

Sex: Male |

 Nationality: Romanian

CONTACT

PHONE:

EMAIL:

HOBBIES

IT & Technology
Basketball
Reading
Science

EDUCATION

University "Politehnica" of Bucharest – Doctoral School of Automatic Control and Computers
2019 - Present
Ph.D. Student

University "Politehnica" of Bucharest – Faculty of Automatic Control and Computers
2017 - 2019
Master of studies - Service engineering and management

University "Politehnica" of Bucharest – Faculty of Automatic Control and Computers
2013 - 2017
Bachelor's degree - Licensed in Systems Engineering

"Nicolae Balcescu" National College, Braila
2009 – 2013
Baccalaureate degree, Grade 10 – Mathematics and Informatics

WORK EXPERIENCE

IBM Romania – Test Specialist
2021 – present
I am a Test Specialist with responsibilities regarding designing test strategies and test cases. The projects I am working on involve insurance and integrate various types of business and technical units, with an accent on web technologies.

4PSA SRL Romania - Test Engineer
2016 - 2021
I was the technical leader of the SQA team. My primary role was to set technical directions for the practitioners I was responsible for. From a technical perspective, I worked in both automated and manual testing for a web application that combined features like chat, phone, and presence as a combination between VOIP technologies and Productivity Services.

LANGUAGE SKILLS

Native Language - Romanian

Other Languages – English certified by First Certificate in English

Understanding	Speaking	Writing
C1	C1	C1

TECHNICAL SKILLS

Operating systems – Linux (Centos/RedHat)
Automation – Ansible
Cloud technologies - Docker
Programming Languages - C/C++, C#, Java, JavaScript/TypeScript, Python, Bash scripting, Matlab
Server-side scripting - NodeJS, PHP
Web frameworks – Angular
Databases - MySQL, MongoDB, ElasticSearch , Redis
Web technologies - HTML, CSS
Mobile frameworks - Android Studio development
Modeling languages - UML, SoaML
Testing frameworks – Mocha, Codeception, Karma, Puppeteer
Hardware - Arduino
Others- RESTful Apis, SOAP, JSONRPC

ARTICLES (FIRST AND CO-AUTHOR)

RESTFUL SERVICES FOR ORIENTATION AND ACCESSIBILITY IN A UNIVERSITY CAMPUS
Authors**: I. Damian**, A.D. Ionita

SOFTWARE SERVICES TO SUPPORT FACULTY MANAGEMENT IN TIMES OF PANDEMIC
Authors: **I. Damian**, M. Lacatusu, A.D. Ionita, F. Lacatusu

COMMUNITY- AND DATA-DRIVEN SERVICES FOR MULTI-POLICY PEDESTRIAN ROUTING
Authors: **I. Damian**, A.D Ionita, F. S.O Anton

WEB SERVICES FOR GUIDING PERSONS WITH LOCOMOTOR IMPAIRMENTS IN PUBLIC SPACES
Authors: **I. Damian**, M. Lacatusu, F. Lacatusu, A.D Ionita

SMART BUILDING MANAGER SOFTWARE IN CLOUD
Authors: F. Lacatusu, **I. Damian**, A.D Ionita, M. Lacatusu

MULTICLOUD DEPLOYMENT TO SUPPORT REMOTE LEARNING
Authors: M. Lacatusu, F. Lacatusu, **I. Damian**, A.D. Ionita

DECISION SUPPORT FOR MULTICLOUD DEPLOYMENT OF A MODELING ENVIRONMENT
Authors: M. Lacatusu, A.D Ionita, F. Lacatusu, **I. Damian**

A COMPARISION OF CLOUD EDGE MONITORING SOLUTIONS FOR A UNIVERSITY BUILDING
Authors: F. Lacatusu, A.D Ionita, M. Lacatusu, **I. Damian**

CONFERENCES/PRESENTATIONS

Scientific communications session University "Politehnica" of Bucharest, May 2019, 3rd Place

PROJECTS/INITIATIVES

2019 - Ph.D. Project: "New Integrated Services for Orientation and Accessibility in a Smart Campus with Multiple Locations"
2019 – Dissertation Project: "Orientation and Accessibility Services for a University Campus"
2019 – Start-Up simulation – Suggest me food – Led a team developing a web application that integrates delivery food services with AI in order to suggest food to people based on preferences/mood/nutrition diversification. Presentation held afterward.
2017 - License Project: "Human Agent simulation in browser for automated testing"

2015 - Modelling /prediction by time series of earthquakes in the Vrancea area, University "Politehnica" of Bucharest

2014 - Start-Up simulation - Smart House Heating – START summer school – Develop business plans for raising, processing, and distributing special willow types designed for maximizing heating value in traditional heaters systems.

OTHER SKILLS

Driving license – B, April 2012