Stefan-Sorin Gheti
Student

An Aerospace Student with more a than a passion for technology. Always setting the mood with a good joke. Hard work pays off.

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EDUCATION

Bachelors in Aerospace Engineering
University Politehnica of Bucharest

10/2016 – Present   *Bucharest Romania*

Courses

- Algorithms
- Advanced Programming Languages
- Economics
- Digital Signal Processing
- Advanced Mathematics
- MATLAB
- Air Navigation
- Java

WORK EXPERIENCE

Java Developer Intern
SG European Business Services

02/2020 – Present   *Bucharest Romania*

Achievements/Tasks

- Develop REST API using Spring Boot with Java 1.8 for a Equity Prime Brokerage application
- Implement 2 Norm-Referential Tests streams for the main application in the perimeter, using Postman and Cucumber
- Identify 2 key differences between the scenarios provided by our clients and the results we send with our micro-services.
- Refactor a Spring Boot non-production micro-service in order to generate specific details for Norm-Referential Tests
- Use Oracle and PostgreSQL as databases
- Use Jenkins as a Continuous Integration Tool
- Use XLDeploy as a Deployment Automation
- Use Git as Version Control System
- Unit testing using JUnit
- Maven as an automation and management tool

Junior Information Security Officer
SG European Business Services

08/2019 – 02/2020   *Bucharest Romania*

Achievements/Tasks

- Implement a new VPN solution for Working From Home Program in the Company
- Assist, support and solve the connectivity problems using internal tools
- Tracking data leakage, and solve different conflicts with the Data Loss Prevention team
- Assign different privileges for employees to use sensitive applications
- Working in Microsoft Office (Excel) on a daily basis
- Use internal tools to open routes between applications and users

SKILLS

Java · MySQL · ANGULAR · HTML · CSS · JAVASCRIPT · Spring Boot · OOP · Data Structures · Algorithms · BitBucket(GIT) · Data Management · Economics · Aircraft Control · PL/SQL

PERSONAL PROJECTS

Diploma Project - Rockets Control Software Application (09/2019 – Present)

- Developing an WEB application using Angular for Front-End and Spring Boot for Back-End in order to control a rocket made by a group of students. The application is supposed to track the rocket with a GPS and to collect data from sensors and display graphics to analyze the performance. Also we can control how much power is given to the engine by controlling a valve via a wireless transmitter

Financial Application (Java) (05/2019 – 06/2019)

- An application that simulates the process of buying an airplane ticket. This application contains different packages that represents different airlines and displays when the user calls a destination in the menu (which is shown) the tickets available for every location and the prices. When you recall the same destination the prices go up by 1 euro.

Aircraft Control (MATLAB Project) (02/2019 – 06/2019)

- A school project in which I presented the Aircraft Control of the Sukhoi SU-22 airplane. Calculate different paths, speeds, depending on the altitude, phase of flight and angle of flight.

ORGANIZATIONS

EUROAVIA Bucharest(Volunteer) (10/2016 – 06/2018)
International Contact Member (coordinating a team of 40 students)

CERTIFICATES

ECDL (12/2011 – 12/2012)

Java Programming - DoITAcademy (09/2019)
Learning more about algorithms and Java programming. Inheritance, Collections, Abstract Classes. Working with versioning tools BitBucket and DB MySQL.

Java Fundamentals - Oracle Academy (05/2016)
Statements and fundamental algorithms, how to build an application

Udemy Certificate (Java Programming) (11/2018 – Present)
Learning about basic Spring Boot and Angular for building an application from scratch. Topics like, REST API, Maven, Spring MVC were also covered.

LANGUAGES

English ● ● ● ● ●

French ● ● ○ ○ ○