Milorad Felix
+40(0) 743 037 145 | milorad.liviu.felix@gmail.com

First learned how to use a computer at age 5 by watching over my dad's shoulder, my passion and curiosity for Computing Science has been growing ever since.

Education

2012 - 2016	**University of Glasgow**	**BSc (Hons) Computing Science *(First Class Degree)***
	Subsidiary Courses	Artificial Intelligence Cybersecurity Distributed Systems & Algorithms Advanced Network Communications
	Team Project	Worked with fellow undergraduate students to produce an Android application to count instances of a user selected sound. Gained experience with Android studio, sound wave analysis and the software development lifecycle.
2010 - 2012	Intl Computing High School of Bucharest (ICHB)	Baccalaureate *(SQA Higher equivalent)*
Certifications	Cisco Networking Academy	CCNA1 - Networking Fundamentals CCNA2 - IP Routing CCNA3 - Switch Configuration CCNA4 - Wide Area Networks

Technical Skills

Java	Built my team project in Java; developing a screen capture streaming server; used during my internship project;
C/C++	My first programming language; created a program that discovered clients on a local area network and allowed them to stream files, called CoClip; developed a program that moves the cursor along the path contained in a bitmapped image;
JavaScript	Developed presentation software that uses the web platform as an intermediary for multiple native platforms support with the option of extending the app through plugins.
Python	Language choice for my first year at University; Developed a LAN chat room with GUI built with the TKInter framework
Frameworks	Built projects with: Android SDK, Node.JS, Java Spring, Dynatrace

Work Experience

Aug 28 2016 - Present **Software Engineer** **JP Morgan Chase**

Currently working in two teams following the Agile development style. The first team requires me to develop using Java 7, Spring and MuleSoft and occasionally SQL as well as monitor application status and performance using a 3rd party monitoring framework. This application relies heavily on concurrent execution and implements a RESTful service. The second team requires me to develop the front end of a web application using AngularJS 1, Angular Material, JavaScript, HTML, CSS. I am also responsible for scanning the codebase for security vulnerabilities (using a 3rd party software) and remedying them. I am involved in development, peer review and deployment to testing environments, deployment to production is handled by a separate team.

Jun - Sep 2015 **Technology Analyst** **JP Morgan Chase - Internship**

Gained experience in teamwork, agile software development, continuous integration, software development lifecycle and large scale software systems. Acquired professional experience with the Java programming language and related technologies.

Personal Projects & Achievements

2016 Dissertation project - used welfare economics to control the Google V8 JavaScript engine's memory usage through. The aim was to dynamically reduce the memory footprint of JavaScript applications during runtime without severely impacting performance. The results were promising: 70% peak memory reduction, 55% average memory reduction with only 20% execution time increase.

2011 1st place at Infomatrix Projects Competition, Mini Sumo Contest. Project: Autonomous Mini Sumo Robot

Grand Winner Medal at 9th International Informatics Projects Competition, Hardware Control section. Project: Self Balancing Robotic Platform

2nd place at RobotChallenge Vienna, Line Follower Robot

2009 1st place at NASA Fundamental Aeronautics Program. Project: Airplane Prototype Super- sonic Voyager X

Interests

Sports	Swimming, Basketball, Squash, Cycling
Film Soundtracks	Studied piano for five years

Robotics, Travelling, Mechanical Crafting