Radu Matei Lupescu

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Second year Computer Science with Artificial Intelligence undergraduate on track to gain a first. Hard working student with strong analytical and technical skills, able to program in Java and C++, with knowledge of Python and Scala. Aiming to further develop my knowledge of software engineering and appliances of artificial intelligence during a placement year in industry.

Education:

Computer Science with Artificial Intelligence BSc
University of Sussex, 2012-2015
First Year Result: 70%

Key Modules:

- Programming Concepts	- Cognitive Science	- Further Programming
- Computer Vision	- Computer Systems	- Databases
- Program Analysis	- Machine Learning	- Software Engineering
- Natural Language Engineering	- Compilers and Computer Architecture	
- Data Structures and Algorithms	- Acquired Intelligence and Adaptive Behaviour	

　　- Have also covered the key professional skills: project management, technical communications, risk and professional ethics.

National Computer Science High School "Tudor Vianu" of Romania, 2008-2012
Obtaining the **Romanian Diploma of Baccalaureate:** Mathematics 78%, Romanian Literature and grammar 88%, Informatics 90%.

I have also participated in every yearly Romanian National Informatics Competition starting with the year 2006, that focused on C++ programming and problem solving skills, dealing with a given problem, a maximum compilation time and a space limit. The problems required numerical competence, analytical skills and lateral thinking. The peak I reached was in 2011 at the national step, where I came in the top 20 participants.

Personal Characteristics:

- Fast learner	- Patient and tolerant
- Logical mathematical thinking	- Open for criticism
- Calm and optimistic	- Contributive and helpful

Relevant Skills:

Programming Skills:
- Competent programmer in C++
- Started programming in C++ at the early age of 12, which provided me with the means to understand and easily learn any other object oriented programming language ;

- Continued my studies during highschool, which cumulate to a total of 6 years of experience;
- Achieved a 90% grade in my final exam (A-level equivalent), which was comprised of advanced C++ and pseudocode notions;
- Basic notions of Pascal gained throughout 4 years of extracurricular courses from 8 years of age;
- Good programmer of Java;
- Moderately skilled in Python (easily became accustomed to the language while undertaking a Natural Language Engineering module which used Python to engage in text analysis);
- Beginner in SCALA (basic notions acquired during an online summer course).

Databases usage:
- Good knowledge of VisualFoxPro achieved during my final year of highschool;
- Good knowledge of MySQL developed during my 2nd year Databases module and practiced on several coursework projects.

Other IT Skills:
- Expert user of text editing software such as Microsoft Word;
- Great knowledge of other software including Microsoft Powerpoint and Microsoft Excel;
- Some knowledge of HTML and PHP coding;
- Self-taught Android Application development.

Teamwork:
- Member of a Romanian Red Cross team that organizes charity events oriented towards life and health issues, as well as first aid classes, competitions and assistance points at events;
- Volunteered for an online Romanian teens magazine (www.amdoar18ani.ro) as a technical assistant for the journalists, helping on field trips and website management.

Administrative:
- While volunteering for the Red Cross I have improved my project managing competences which led me to enhance skills such as informing, coordinating, advising and dealing with conflicts.

Communication skills:
- Delivered presentations to reasonably large groups of people within my highschool and University projects and Red Cross events;
- Produced quality written work such as essays, reports and various guides and tutorials, along with a couple of articles for magazines and my personal video game reviews blog.;
- Also speaker of multiple languages: Romanian (native), English (advanced), German (beginner).

Experience:
- Romanian Red Cross volunteer 2010-2012;
- Technical Assistant Journalist www.amdoar18ani.ro 2010-2011;
- Assisted tutors in explaining and exemplifying informatics notions to highschool students (2008-2012).

References available upon request.