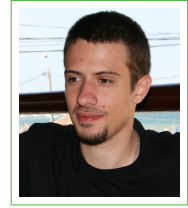


Alexandru Burghelea

Curriculum Vitae

George

Cometei no. 5
810354 Brăila, Romania
☎ +40 743 061 489
✉ aburghelea@rosedu.org



Software that almost works is like planes that almost fly!
Nistor Moț

Work experience

- Oct. 2012 –present **Associate Teaching Assistant**, *Object Oriented Programming, Politehnica University of Bucharest, Automatic Control and Computer Science*,
I have been assisting students in resolving the exercises from each laboratory. My responsibilities are: explaining the OOP paradigmes, providing help for solving the exercises and correcting and grading the assignments.
Technologies used: Java SE
- Oct. 2011 –present **Junior Java Developer**, *TeamNet International S.A., Bucharest*,
I have been working on an application where the principle functionality is a serch engine over a warehouse. Previously i've worked on a web application for processing and manipulating personal data. I also developed tools for importing data and processing them automatically, according to the business of the applications.
Technologies used: Groovy on Grails, jQuery, Selenium, Spring, Solr, Nutch
- Jun. 2011 –Sept.2011 **Intern**, *TeamNet International S.A., Bucharest* ,
I helped develop new features and fix existing bugs in a JavaEE Web Application designed to proccess European Union Funding requests.
Technologies used: Java, Hibernate, Seam, Birt

Education

- 2009–present **Engineer**, *Politehnica University of Bucharest, Automatic Control and Computer Science*, Bucharest, major Computer Science and Engineering.
- 2005–2009 **Bacalaureat**, *National High-school "Nicolae Balcescu"*, Braila, Specialization Mathematics and Informatics. GPA 9.66 out of 10.

Computer skills

- Advanced Java, C
- Intermediate Groovy on Grails, C++, Selenium, Hibernate
- Basic Spring, Seam, Wicket, Birt Report Builder, Shell Scripting
- Operating Systems Linux(Ubuntu, Fedora), Windows
- Miscellaneous Office, Autocad, Verilog, PSpice

Contests

| | |
|----------------------------------|-------------------------------|
| National Olympiad in Informatics | participant in 2008,2009 |
| Severin Bumbaru | 1 st place in 2009 |
| Urmasii lui Moisil | participant in 2008 |
| Infoeducatie | participant in 2005 |

Languages

| | |
|----------|-----------------|
| Romanian | Advanced |
| English | Advanced |

First Language

Interest and activities

| | |
|-------------------|--|
| Twivi | Social Coding, TNI. Along with 3 friends we entered a 10 hour hackathon where we ranked 3 rd . Twivi was designed to consume the Twitter feed and based on the keywords the user selected from the feed would generate videos after extracting images from Wikipedia. |
| Volunteering | ROSEdu, Course Organizing. I am volunteering at Romanian Open Source Education organization, where I have helped organize a Web Development Course and an Algorithm Workshop |
| FDC | Freeware Development Course, ROSEdu. I participated as a student at FDC where I learned how to use version control systems and other technologies, while developing, with two other students, a plugin for Pidgin, similar to Yahoo Doodle!. |
| Scientific Circle | Physics Department, Politehnica University of Bucharest. I participated at the Scientific Circle in 2009, where my team ranked 2 nd , with a paper on the Galilean Satellites. We also generated a video of their orbits by using a C++ program for solving Kepler's Equations. |
| Facebook Match | Object Oriented Programming Course, Politehnica University of Bucharest. I had to implement in Java, using Facebook API , an application that would create different statistics based on the activity of a user. |
| Driving AI | Algorithm Design Course, Politehnica University of Bucharest. Along with 3 friends, we implemented in C++ an engine that could drive a car on a circuit. Based on the information received from the server, the application calculated the acceleration/break and direction where the car should go. |
| Chat client | Communication Protocols, Politehnica University of Bucharest. I implemented a Linux CLI LAN chat client, based on a client-server model. The application had was able to send messages, transfer files and also had group messages |

Hobbies

Airplanes, Swimming, Driving, Hiking, Music

References

Available upon request