

Constantin Serban-Radoi

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Education

- 2010–present **Bachelor's Degree**, *Polytechnics University of Bucharest, Faculty of Automatic Control and Computer Science*, Bucharest, Romania.
- 2006–2010 **High School Diploma**, *National High School of Mathematics and Computer Science "Tudor Vianu"*, Bucharest, Romania, Final grade 9.10 out of 10.

Work Experience

- June 2013–
September 2013 **Software Engineer Intern - Google Maps Local, Google**, New York, NY, USA.
- Developed component for algorithmic proposal of business name fixes for Geo operations team, which maintains a force of operators to moderate data related to local businesses
 - Went through the full stack of development, from writing the back-end (C++ and Java) to designing and creating the front-end (JavaScript with AngularJS) and MapReduce pipelines running
 - Integrated and delivered the module with the rest of the existing system
- June 2012–
September 2012 **Software Engineer Intern - IxNetwork, IXIA**, Bucharest, Romania.
- Accommodated with C#, .NET, LINQ and MSTest Framework for black box testing
 - Wrote Unit Tests for statistics in GUI of IxNetwork application
 - Wrote Smoke Tests for the integration between GUI and data sources of IxNetwork

Projects and other experience

- Spring 2012 **Open Source Contributor**, *Okular*, KDE.
- Contributions to the Open Source PDF reader for improving bookmarks naming and interaction
- Fall 2011 **Participant**, *Open Source Community and Development Lab*, ROSEdu.
- Contributed to www.dexonline.ro, an open source project hosting a Romanian dictionary collection used by many people.
 - Used PHP and Smarty template, along with Google Search API for contribution

Relevant Courses

- Parallel Programming and Distributed Systems (Java, Python)
- Data Structures (C)
- Operating Systems (Systems Programming in C)
- Object Oriented Programming (Java)
- Computer Networks
- Assembly Language
- Algorithms Analysis and Design (C++)

Computer skills

- Confident C++ and Java
- Experienced C, C#, Makefile, versioning systems (Git and SVN)
- Medium JavaScript, AngularJS, Python, HTML, CSS, Bash scripting
- Basic PHP, LaTeX

Languages

- English Advanced
- French Basic
- Romanian Native