

Radu Iacob

📞 0720859136
☎ 0213217422
✉ radu.iacob23@gmail.com

Education

2010–present **Politehnica University of Bucharest**, *BsC Computer Science*.

Work Experience

July 2013 - **Software engineer intern**, *Ixia - Innovation Team*,
Present Worked on an automatic speech recognition engine, as part of an IVR testing solution.

- Researched and implemented various neural network training algorithms.
- Designed an efficient data structure for the storage and lookup of IVR prompts.

February 2013 - **Undergraduate Teaching Assistant**, *Algorithm Design*,
Politehnica University of Bucharest, Computer Science and Engineering Department,
Present Tasks as an assistant: teaching students during seminars, evaluating their performance and creating support assignments for laboratory classes.

July 2012 - **Software engineer intern**, *TeamNet*,
September 2012 Worked on an opinion mining project, aimed for the Romanian media.

- Developed a scraper for Twitter and Facebook
- Developed a tool to analyze the scraped information to help identify new trends.
I've used map-reduce to efficiently compute frequency statistics.
- Developed a heuristic tool for language identification.

Awards

October 2013 **Qualified**, *ACM ICPC*, South Eastern European Region.

April 2013 **Qualified**, *Code Pandalas Final*, Algorithm Contest, sponsored by Adobe Romania .

April 2012 **First place**, *Ubisoft AI Challenge*,
A 24h contest, where the objective was to make an AI for the game Bomberman, 4-person team.

May 2012 **Qualified**, *ACM ICPC*, National Phase.

October 2011 **34'th place**, *ACM ICPC*, South Eastern European Region.

2008 **5'th place**, *Grigore Moisil National Programming Contest*.

Presentations

Summer 2012 **Lowest Common Ancestor and Range Minimum Query**,
ROSEdu Summer Workshops, Politehnica University, Bucharest .

Skills

- C, C++, Java – familiar
Experience gained from programming contests, school assignments and during my internship.
- Parallel programming - good
- NoSQL Databases
I am familiar with the Mongo database, which I've used during my internship and in various other projects. I've also had basic interaction with Redis.
- Python, Matlab/Octave, JavaScript, Bash, ASM(x86)- basic
I've mostly used Python for short coding challenges, for example within a contest such as Google Code Jam, or for testing the Google App Engine framework.

Interests

- Artificial Intelligence, Machine Learning
- Algorithms and data structures
- Open-Source projects and communities

Foreign languages

- English – advanced
- German – beginner