

Mihnea DOBRESCU-BALAU

ABOUT	Open Source enthusiast, studying Computer Science and Engineering. Interested in programming languages, functional programming and the Open Web. Fan of basketball and photography.	
CONTACT INFORMATION	address: Str Gladitei Nr. 42, Bl. T5, Ap. 603, Sec. 4, Bucuresti, Romania 041211 phone: +40 720 533 802 e-mail: mihnea@linux.com web: www.mihneadb.net	
EDUCATION	University POLITEHNICA of Bucharest, Romania Faculty of Automatic Control and Computer Science <i>Undergraduate Student</i> <ul style="list-style-type: none">Expected graduation date: July 2014	October 2010 – present
PROFESSIONAL EXPERIENCE	Mozilla Corporation <i>Software Engineer Intern, Automation and Tools</i> Parallelized the XPCShell test harness to reduce end-to-end test times. Saves around 5 years of compute time every month. Created a module to log per-test system resource usage. Worked on tools to compute and display infrastructure load and job times. <i>Programming languages used:</i> Python(2.x), JavaScript, C, C++, Clojure	June 2013 – September 2013
	Mozilla Corporation <i>Software Engineer Intern, Automation and Tools</i> Worked on various automation tasks related to Boot2Gecko (Firefox OS). These included: porting existing test harnesses to work with the new OS, designing and implementing a generic test results processing module and implementing a cross platform software agent that abstracts the device it is running on and exposes a feature complete interface to the higher level test harnesses. <i>Programming languages used:</i> Python(2.x), C++, Bash	July 2012 – September 2012
	Google Summer of Code 2011 <i>Student Developer</i> Developed a bug reporting tool for openSUSE . Implemented features like automatic information gathering, automatic maintainer finding, duplicates search, (package) autocompletion, user aiding, query and submit. <i>Programming languages used:</i> Python(2.x), Bash	May 2011 – August 2011
PERSONAL PROJECTS	Undergraduate Teaching Assistant <i>University POLITEHNICA of Bucharest</i> <ul style="list-style-type: none">Computer Programming (C)Data Structures (C)Introduction to Operating Systems (Linux)Programming Paradigms (Scheme, Haskell, Prolog, CLIPS)Algorithm Analysis Open Source Contributor <ul style="list-style-type: none">MozillaLinuxROSEdu projects Talks and Workshops <ul style="list-style-type: none">Why and how to apply for a tech internship abroadWhy and how to apply for Google Summer of CodeMozilla-related talksPython workshops	October 2011 – present
PROGRAMMING LANGUAGES	<i>Good knowledge:</i> C, Python <i>Medium knowledge:</i> JavaScript, C++, Scheme, Java, Clojure <i>Beginner:</i> Haskell, Scala, Bash	

AWARDS AND
ACHIEVEMENTS

Hackathons and Contests

Details upon request.

- Yahoo! Open Hack London 2013: *Hacker's prize*
- Facebook Hackathon @ UPB: *Second prize*
- Intel Upstream Challenge: *First prize*
- Teamnet Hackathon: *Second prize*

Extracurricular classes

- Functional Programming Summer School @ UPB: *highest score, 40% graduation rate*

OTHER
ACTIVITIES

ROSEdu

Member

July 2011 – present

ROSEdu (Romanian Open Source Education) is a student organization of open-source enthusiasts.

- Coordinated two editions of the *Open Development Class* together with a colleague.
- Mentored a number of students on the World of USO open source project.
- Helped with the *Linux Install Fest* event.
- Coordinated Py4School, an extracurricular Python class for high school teachers and students.