Mihnea DOBRESCU-BALAUR

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 **October 2010 – present**

Faculty of Automatic Control and Computer Science
Undergraduate Student
- Expected graduation date: July 2014

PROFESSIONAL
EXPERIENCE

Mozilla Corporation

Software Engineer Intern, Automation and Tools **June 2013 – September 2013**

Parallelized the XPCShell test harness to reduce end-to-end test times. Saves around 5 years of compute time per month. Created a module to log per-test system resource usage. Worked on tools to compute and display infrastructure load and job times.

Programming languages used: Python(2.x), JavaScript, C, C++, Clojure

Mozilla Corporation

Software Engineer Intern, Automation and Tools **July 2012 – September 2012**

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.

Programming languages used: Python(2.x), C++, Bash

Google Summer of Code 2011

Student Developer **May 2011 – August 2011**

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.
Programming languages used: Python(2.x), Bash

PERSONAL
PROJECTS

Undergraduate Teaching Assistant
University POLITEHNICA of Bucharest **October 2011 – present**
- Computer Programming (C)
- Data Structures (C)
- Introduction to Operating Systems (Linux)
- Programming Paradigms (Scheme, Haskell, Prolog, CLIPS)
- Algorithm Analysis

Open Source Contributor
- Mozilla
- Linux
- ROSEdu projects

PROGRAMMING
SKILLS

Good knowledge: C, Python
Medium knowledge: JavaScript, C++, Scheme, Java, Clojure
Beginner: Haskell, Scala, Bash

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.
- Gave presentations on why and how to apply to Google Summer of Code and summer internships.