Andrei-Niculae PETRE

CONTACT
INFORMATION

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EDUCATION

MSc, Machine Learning and Data Mining   Sept 2014 - present
Aalto University, Finland
School of Science

BSc, Major in Engineering and Computer Science   Oct 2010 - July 2014
University POLITEHNICA of Bucharest, Romania
Faculty of Automatic Control and Computer Science

PROFESSIONAL
EXPERIENCE

Crowdbooster, San Francisco, CA   Feb 2015 - present
Software Developer

This is the first real startup that I've been working on (YC-backed), small team of 5-6 people where I have a huge influence over everything, I love how fast everything is going! I'm doing **Python programming** and learning to become a **better entrepreneur**.

dev.Label, Bucharest   Aug 2014 - Jan 2015
Frontend & Backend Developer

Worked for TradeIT at its very beginning on both frontend for browser widget and backend, integrating the widget with all main brokers. Languages used: Groovy, Javascript, Coffeescript
Reference to **Iacob Cosoroaba**, former dev.Label coding partner, cosoroaba@gmail.com

University POLITEHNICA of Bucharest, Romania   Oct 2013 – May 2014
Associate Teaching Assistant

Classes: Data Structures, Algorithms Analysis, Programming Paradigms (teaching and homework assignements)
Reference to:
- **Matei Popovici**, Analysis of Algorithms Professor, pdmatei@gmail.com
- **Alex Olteanu**, Data Structures Professor, alex.c.olteanu@gmail.com

uberVU via HootSuite   Jun 2012 – Sept 2013
Software Developer

I had both frontend and backend responsibilities, working with a small team in a startup agile environment, on the edge of releases. We all wrote tests, offered code reviews, worked everywhere across the stack.

Frontend: in-house mozaic.js framekwork (pub-sub), django, mysql, migrations, deployment script

Backend: pipeline data acquisitions controllers, mongoDB, elasticsearch API

Reference to:
- **Bogdan Sandulescu**, uberVU CTO, bogdans83@gmail.com
- **Andrei Ismail** uberVU Software Developer, iandrei@gmail.com

Artificial Intelligence & Multi-Agent Systems Lab   Jun 2011 – Sept 2011

COMPUTER
SKILLS

Good: C, Python, Java
Medium: C++, Javascript/Coffeescript, prolog
Beginner: shell scripting, haskell, scheme
Linux: LPIC-1, operating systems classes (user,kernel space)

ROSEdu (member Aug 2011 - present) is a community of programming and open source software enthusiasts in the educational environment. Our mission is to initiate, support and develop education based on the values of open source. Throughout the years I have been involved in many projects:

- **coordinated** the **Open Source Development Course**, for two consecutive editions
- offered **mentorship** and **held technical presentations** (git, Flask) for the *Open Source Development Course*
- offered **mentorship** in a course dedicated to teaching high school teachers Python programming language, so they can afterwards teach it in class
- part of a team involved in writing a Python book addressed to high school and beginners in programming

Reference to **Razvan Deaconescu**, ROSEdu Founder, razvan.deaconescu@cs.pub.ro

National Romanian Scouts (member 2007 - present). Being a scout means to me to always be happy, friendly, play games, hike, camp, as well as make new friends and be a good example for those alongside.

Hobbies: chess, climbing, swimming, lock picking, hiking, juggling.