

# Andrei-Niculae PETRE

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CONTACT INFORMATION	phone: +1 650 353 13 74 e-mail: <a href="mailto:p31andrei@gmail.com">p31andrei@gmail.com</a> website: <a href="http://andreipetre.ro">andreipetre.ro</a> , github: <a href="https://github.com/andreip">andreip</a>	
EDUCATION	<b>MSc</b> , Machine Learning and Data Mining <b>Aalto University</b> , Finland School of Science	Sept 2014 - present
	<b>BSc</b> , Major in Engineering and Computer Science <b>University POLITEHNICA of Bucharest</b> , Romania Faculty of Automatic Control and Computer Science	Oct 2010 - July 2014
PROFESSIONAL EXPERIENCE	<b>CrowdBooster</b> , San Francisco, CA Software Developer	Feb 2015 - present
	This is the first real startup that I've been working at, small team where I have a huge influence over everything, I love how fast everything is going! I'm doing <b>Python programming</b> and learning to become a <b>better entrepreneur</b> from my good founder friends.	
	<b>dev.Label</b> , Bucharest Frontend & Backend Developer	Aug 2014 - Jan 2015
	Worked for <a href="#">TradeIT</a> 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 <b>Iacob Cosoroaba</b> , former dev.Label coding partner, <a href="mailto:cosoroaba@gmail.com">cosoroaba@gmail.com</a>	
	<b>University POLITEHNICA of Bucharest, Romania</b> Associate Teaching Assistant	Oct 2013 – May 2014
	Classes: Data Structures, Algorithms Analysis, Programming Paradigms (teaching and homework assignments) Reference to: <ul style="list-style-type: none"><li>• <b>Matei Popovici</b>, Analysis of Algorithms Professor, <a href="mailto:pdmatei@gmail.com">pdmatei@gmail.com</a></li><li>• <b>Alex Olteanu</b>, Data Structures Professor, <a href="mailto:alex.c.olteanu@gmail.com">alex.c.olteanu@gmail.com</a></li></ul>	
	<b>uberVU via HootSuite</b> Software Developer	Jun 2012 – Sept 2013
	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 framework (pub-sub), django, mysql, migrations, deployment script Backend: pipeline data acquisitions controllers, mongoDB, elasticsearch API Reference to: <ul style="list-style-type: none"><li>• <b>Bogdan Sandulescu</b>, uberVU CTO, <a href="mailto:bogdans83@gmail.com">bogdans83@gmail.com</a></li><li>• <b>Andrei Ismail</b> uberVU Software Developer, <a href="mailto:iandrei@gmail.com">iandrei@gmail.com</a></li></ul>	
	<b>Artificial Intelligence &amp; Multi-Agent Systems Lab</b>	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)	

OTHER  
ACTIVITIES

**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](mailto: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, swimming, jogging, hiking.