

Andrei-Niculae PETRE

CONTACT INFORMATION	phone: +40 727 029 961 e-mail: p31andrei@gmail.com website: andreipetre.ro , github: andreip , skype: andreip31	
EDUCATION	MSc , Machine Learning and Data Mining Aalto University , Finland School of Science	Sept 2014 - present
	BSc , Major in Engineering and Computer Science University POLITEHNICA of Bucharest , Romania Faculty of Automatic Control and Computer Science	Oct 2010 - July 2014
PROFESSIONAL EXPERIENCE	Crowdboost , San Francisco, CA Software Developer	Feb 2015 - present
	Have been working for YC-backed startup where I got tons of impact and experience on both technical and entrepreneurial side. Learned to move in a fast-paced environment. I'm doing Python programming with Django/Flask, some Ruby on Rails, some javascript, elasticsearch and whatever else we need.	
	dev.Label , Bucharest Frontend & Backend Developer	Aug 2014 - Jan 2015
	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	
	University POLITEHNICA of Bucharest, Romania Associate Teaching Assistant	Oct 2013 – May 2014
	Classes: Data Structures, Algorithms Analysis, Programming Paradigms (teaching and homework assignments)	
	uberVU via HootSuite 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. 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	
	Artificial Intelligence & Multi-Agent Systems Lab Intern	Jun 2011 – Sept 2011
	Developed a homework for the AI class in Prolog. Tests were running in a homework automatic checker used in the University.	
COMPUTER SKILLS	Good: C, Python, C++, Java Medium: Javascript/Coffeescript Beginner: shell scripting, haskell, scheme, prolog 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: <ul style="list-style-type: none">• coordinated the Open Source Development Course, for two consecutive editions• offered mentorship and held technical presentations (git, Flask) for the <i>Open Source Development Course</i>• 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	
	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.	