

Self-taught hacker. I like to code, break things and help other people. I write and teach Python and I build user interfaces on the web in Javascript with React.

## EMPLOYMENT

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**Romanian Government**, Part-time Software Engineer

**April 2015 - current**

Maintaining data.gov.ro, the National Romanian Open Data portal.

- Automated the deployment of the application with Ansible scripts.
- Implemented the workflow of developing on Vagrant, testing on a staging environment and then deploying in production.
- Convinced the stakeholders that all the work should be open source on Github.

**uberVU / Hootsuite**, Part-time Software Engineer

**July 2013 – April 2015**

Social media analytics startup, that was acquired by the leading social media management company.

- While the company was a startup, I worked with backend APIs using Python and Django, like payments, the Google+ API library or the email pipeline.
- After we were acquired, we decided to rebuild the new user interface in Javascript using React, so we could focus better on the needs of the new 10M users that our app will be delivered to.
- Wrote the build and deploy system for the new UI using NodeJS. It contained a visual testing build, where screenshots of the app were taken after certain actions by a user and compared with images of how the app should look.

## EDUCATION

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**University of Bucharest**

**October 2013 – June 2016 (expected)**

- Pursuing a Bachelor's degree in Computer Science at the Faculty of Computer Science and Mathematics.
- Member of the InfoClock Computer Science club, where I teach algorithms to younger students.

## AWARDS

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- **ACM-ICPC National Finals**: 12th place
- **National Olympiad of Computer Science**: Two bronze medals
- **National Olympiad of Networking "Acadnet"**: 1st place

## VOLUNTEERING

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**ROSEdu**. Student organization that promotes open source values in education.

- Helped with the organization of the Community Development Lab, a 9-week course where we teach students how to contribute to open source projects. I've coordinated the application process, where we selected 20 students from 120 applicants.
- Co-organized ROSEdu Summer of Code, a version of GSoC for Romanian students.
- I've taught Python and web application development workshops to over 100 students.

**InfoEducatie**. National camp and software development contest.

- Each year over 100 high-school students come and present their software and hardware projects in front of juries composed by mostly software engineers.
- I've been a member of the core organizing team and twice a member of the web jury section.

## PROJECTS

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### **new.infoeducatie.ro**

- In a distributed team of 5 volunteers, we built the new camp website, that helped us with the organization of the camp.
- I was the lead developer of our frontend single page application. We used the new Javascript ES6 standard, the React library for building our UI components, WebPack as the bundler system, Bootstrap for reusable UI elements and LESS as a pre-processor for CSS.
- I wrote code in Ruby on Rails for our backend that exposed a REST JSON API and an admin panel.
- We used Github for collaborating, had test builds on TravisCI and deployed on Heroku.

## LANGUAGES AND TECHNOLOGIES

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- Python, Javascript, C++
- Linux, React, Django, Rails